

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

01/13/2011

Vincent DeMore
Assistant District Attorney, Suffolk County

Dear ADA DeMore,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Peter Piro.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC Spectral analytical data for samples # [REDACTED]
6. GC/Mass Spectral analytical data for samples # [REDACTED]

I, Annie Dookhan, was the custodial chemist and performed the preliminary testing and net weight for this sample. Peter Piro was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

CRACK COCAINE

1 p/B

1.66 g (1)

CRACK COCAINE

1 p/B

1.70 (3)

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Peter Piro

EDUCATION

Boston University

B.A. in Chemistry and Minor in Biology, 1989

HONORS

Magna Cum Laude, 3.6 GPA

Graduated with Distinction in Chemistry

Valedictorian of the Chemistry Department

EXPERIENCE

Department of Public Health/State Laboratory Institute

Laboratory Supervisor I/Chemist III, II, I/ Assistant Analyst December 1991-Present
Supervise the operation and maintenance of the Gas Chromatography/Mass Spectrometry Laboratory. Train staff and coordinate schedules. Analyze controlled substances for State and Federal law enforcement agencies. Develop, oversee, and make improvements to the GC/MS laboratory's quality assurance/quality control (QA/QC) program. Serve as the Technical Supervisor of the Drug Analysis Laboratory. Responsible for planning and implementing Quality Improvement (QI) projects. Make recommendations for protocols and procedures by developing methods so work can be performed in an accurate and efficient manner. Qualified as an expert witness in Massachusetts courts and U.S. District Court.

Massachusetts Health Research Institute

Laboratory Technician September 1990-December 1991
Researched the seasonal and special occurrences of DSP and PSP in shellfish samples harvested from coastal waters and Georges Bank using cELISA and bioassays.

TRAINING AND ORGANIZATIONS

- * Completed a six-week training course by senior staff within the Department of Public Health Drug Analysis laboratory.
- * Appointed Assistant Analyst by the Assistant Commissioner of Public Health in February 1991.
- * Elected as a Regular Member to the Northeastern Association of Forensic Chemists on October 27th 1995 and a member of the Massachusetts Organization of State Engineers and Scientists.
- * Completed training in Mass Spectrometry given by the Food and Drug Administration/Forensic Chemistry Center on November 2002.
- * Completed training in Mass Spectrometry Troubleshooting and Maintenance, October 25th 2002, at Agilent Technologies.* Notary Public since 1993.

No. [REDACTED] Date Analyzed: 4-21-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 12/08/2009 No. Analyzed:
Gross Wt.: 1.66 Net Weight: 0.10
Tests: 8 ASD
1 PIRAO
Prelim: unknown Findings: Negative

No. [REDACTED] Date Analyzed: 4-29-10
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 12/08/2009 No. Analyzed:
Gross Wt.: 1.70 Net Weight: 0.14
Tests: 8 ASD
4 PIRAO
Prelim: unknown Findings: Sulfamethoxazole
Trimethoprim

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASD

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

white powdered substance
in pps

Gross Wt (): 0.2469

Gross Wt ():

Pkg. Wt:

Net Wt: 0.1017

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+) -

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (+) +

OTHER TESTS

Dille = -

GC = +

PRELIMINARY TEST RESULTS

unknown
RESULTS cocaine ASD

DATE 04-6-10

GC/MS CONFIRMATORY TEST

RESULTS negative

MS
OPERATOR 123P

DATE 4-21-10

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

white - chunky substance
in pb

Gross Wt (): 0.2527

Gross Wt ():

Pkg. Wt:

Net Wt: 0.1460

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+) -

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride -

TLTA (-) -

OTHER TESTS

Dille = -

GC = +

PRELIMINARY TEST RESULTS

RESULTS unknown

DATE 04-6-10

GC/MS CONFIRMATORY TEST

RESULTS sulfamethoxazole

MS
OPERATOR TRM

DATE 4-29-10

Sequence Table (Front Injector):

Method and Injection Info Part:

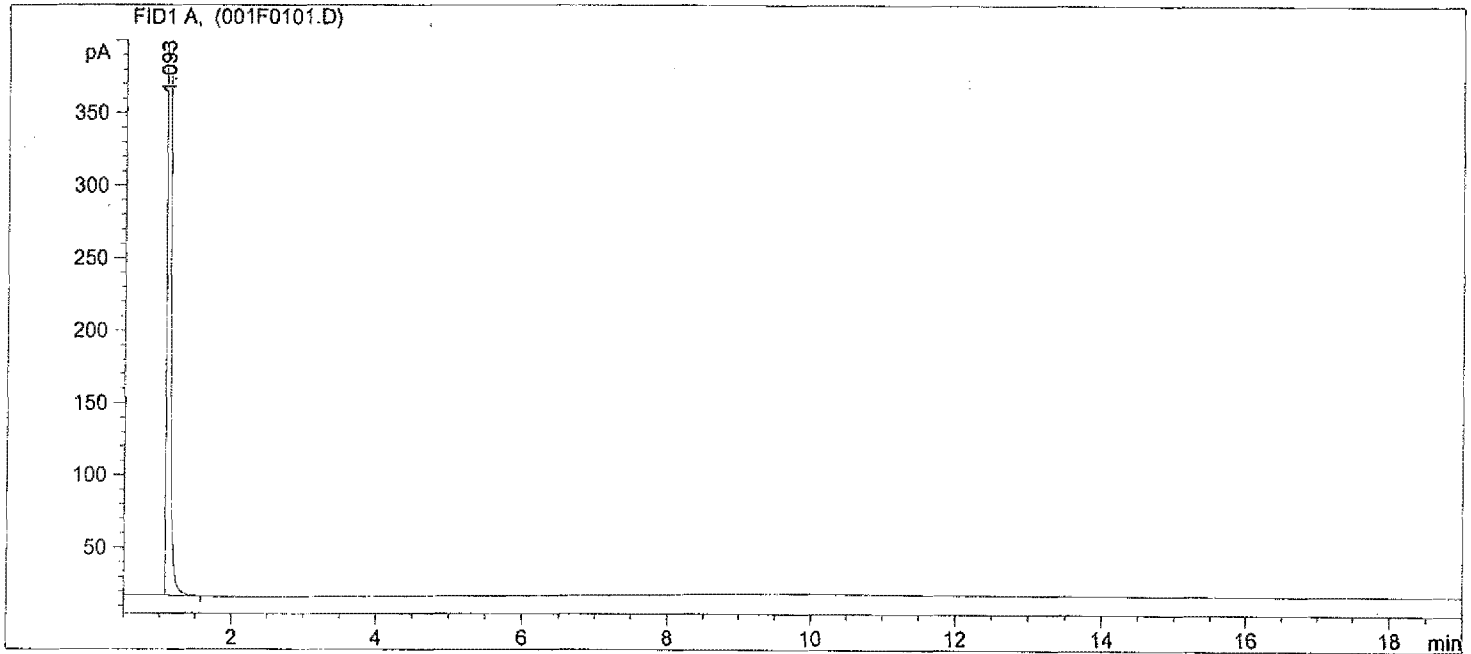
Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1		GENSCAN	1	Sample	1.0	
2	Vial 2		GENSCAN	1	Sample	1.0	
3	Vial 3		GENSCAN	1	Sample	1.0	
4	Vial 4		GENSCAN	1	Sample	1.0	
5	Vial 5		GENSCAN	1	Sample	1.0	
6	Vial 6		GENSCAN	1	Sample	1.0	
7	Vial 7		GENSCAN	1	Sample	1.0	
8	Vial 8		GENSCAN	1	Sample	1.0	
9	Vial 9		GENSCAN	1	Sample	1.0	
10	Vial 10		GENSCAN	1	Sample	1.0	
11	Vial 11		GENSCAN	1	Sample	1.0	
12	Vial 12		GENSCAN	1	Sample	1.0	
13	Vial 13		GENSCAN	1	Sample	1.0	
14	Vial 14		GENSCAN	1	Sample	1.0	
15	Vial 15		GENSCAN	1	Sample	1.0	
16	Vial 16		GENSCAN	1	Sample	1.0	
17	Vial 17		GENSCAN	1	Sample	1.0	
18	Vial 18		GENSCAN	1	Sample	1.0	
19	Vial 19		GENSCAN	1	Sample	1.0	
20	Vial 20		GENSCAN	1	Sample	1.0	
21	Vial 21		GENSCAN	1	Sample	1.0	
22	Vial 22		GENSCAN	1	Sample	1.0	

Sequence Table (Back Injector):

No entries - empty table!

ASD
4-13-10


```
=====
Injection Date   : 4/9/2010 6:29:47 AM      Seq. Line :    1
Sample Name      : BLANK                    Location  : Vial 1
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Signal
Multiplier           :      1.0000
Dilution             :      1.0000
Sample Amount        :      1.00000 [fleeps]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.093	BB S	0.0203	8.34463e4	6.93492e4	1.000e2

Totals : 8.34463e4 6.93492e4

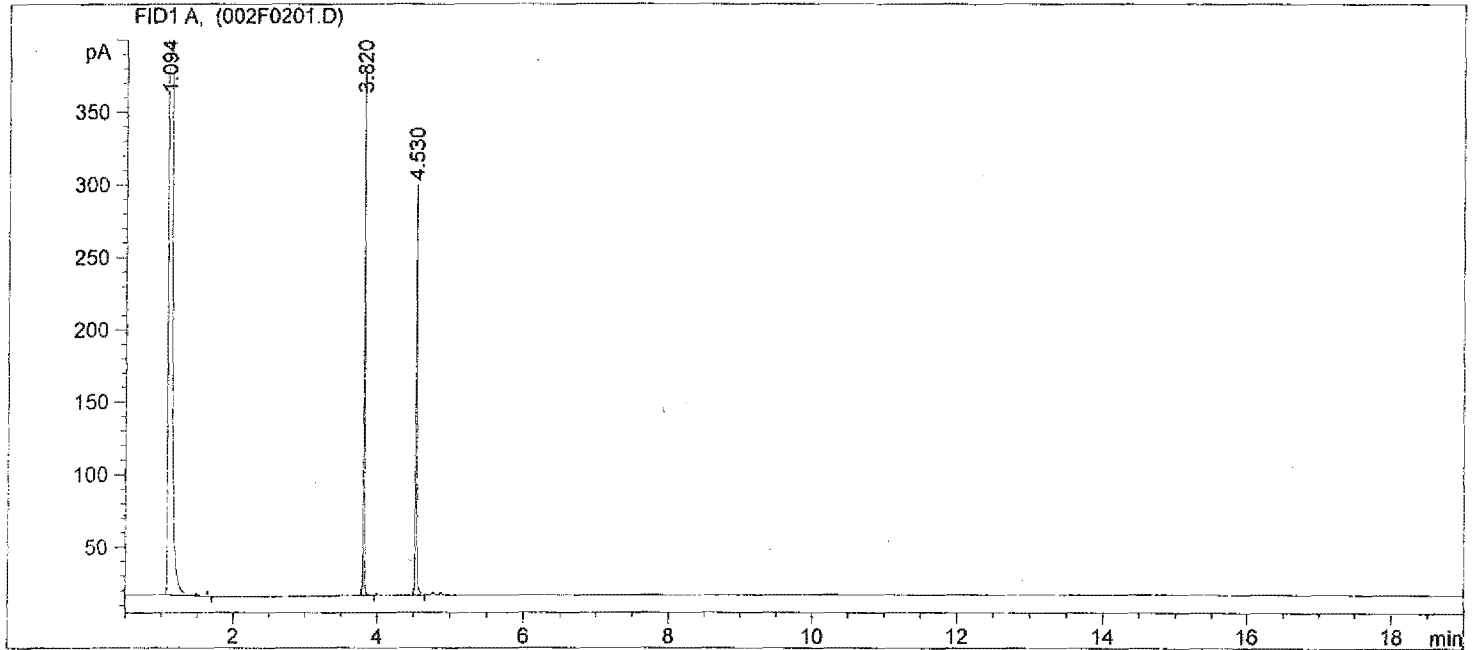
Results obtained with enhanced integrator!

```
=====
*** End of Report ***
=====
```

=====

Injection Date	: 4/9/2010 6:53:21 AM	Seq. Line	: 2
Sample Name	: COKE/CODEINE STD	Location	: Vial 2
Acq. Operator	: ASD	Inj	: 1
Acq. Instrument	: Instrument 3	Inj Volume	: 1 µl
Sequence File	: C:\HPCHEM\1\SEQUENCE\CBS.S		
Method	: C:\HPCHEM\1\METHODS\GENSCAN.M		
Last changed	: 12/15/2008 12:38:16 PM by ASD		
FOR UNKNOWN SAMPLES			

=====



=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 1.00000 [fleeps] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

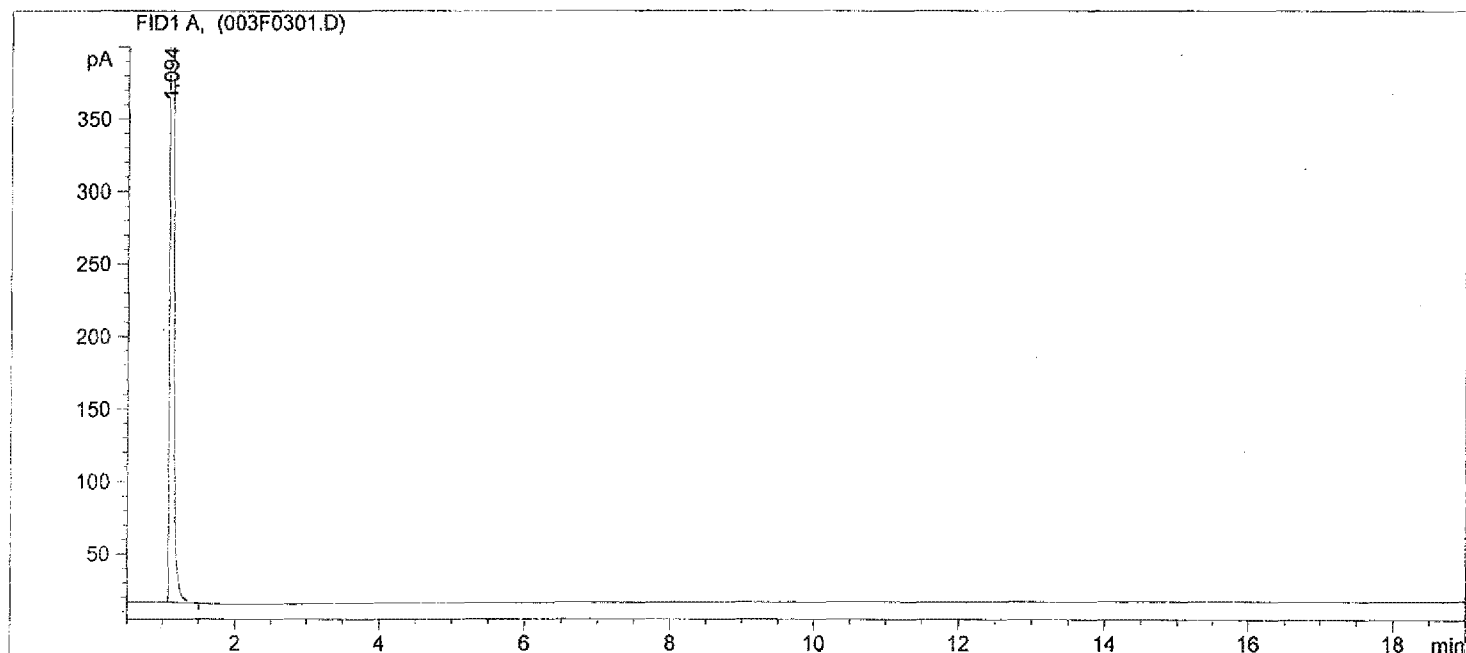
Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.094	BB S	0.0208	7.82626e4	6.25658e4	99.14673
2	3.820	PB	0.0149	341.16162	364.54852	0.43220
3	4.530	BV	0.0180	332.38052	282.34790	0.42108

Totals : 7.89361e4 6.32127e4

Results obtained with enhanced integrator!

*** End of Report ***

```
=====
Injection Date   : 4/9/2010 7:16:58 AM      Seq. Line :    3
Sample Name      : BLANK                    Location  : Vial 3
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Signal
Multiplier           :      1.0000
Dilution             :      1.0000
Sample Amount        :      1.00000 [fleeps]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

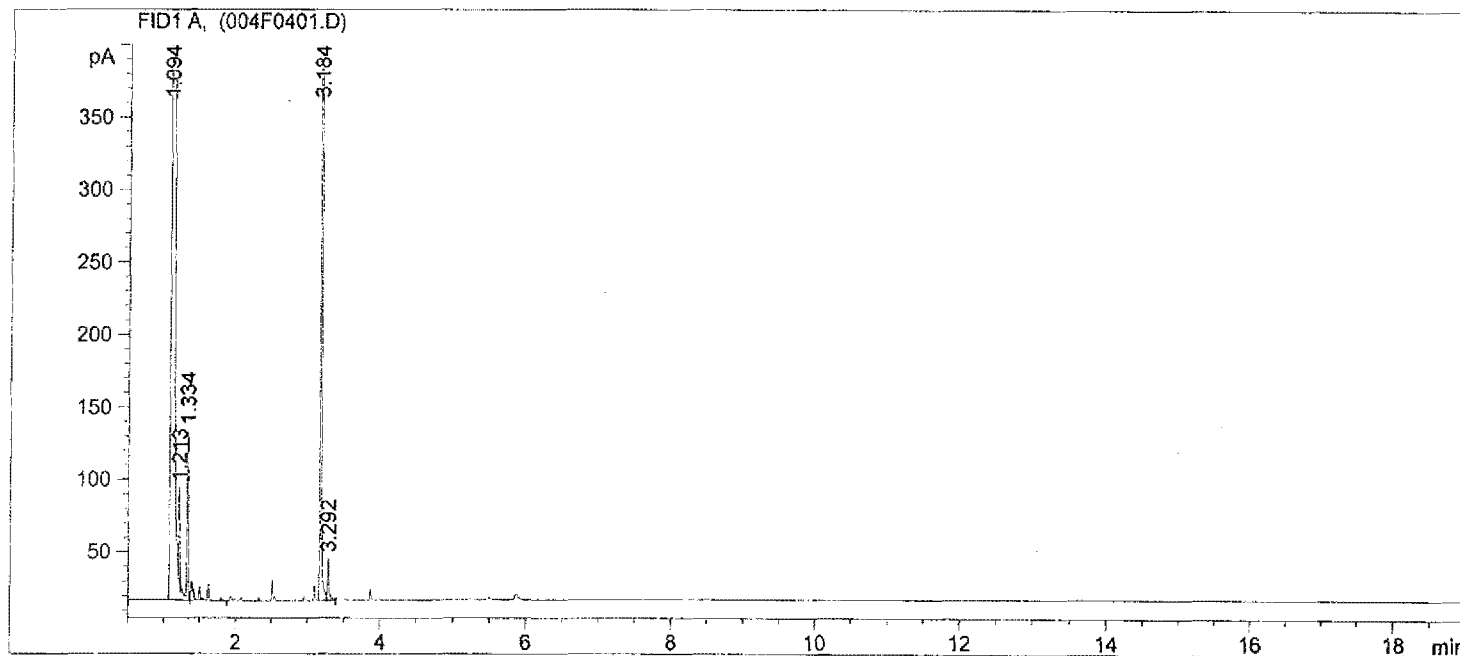
Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.094	BB S	0.0193	9.20452e4	7.80203e4	1.000e2

Totals : 9.20452e4 7.80203e4

Results obtained with enhanced integrator!

```
=====
*** End of Report ***
```

```
=====
Injection Date   : 4/9/2010 7:40:45 AM      Seq. Line :    4
Sample Name      : XXXXXXXXXX          Location  : Vial 4
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Signal
Multiplier           :      1.0000
Dilution             :      1.0000
Sample Amount        :      1.00000 [fleeps]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

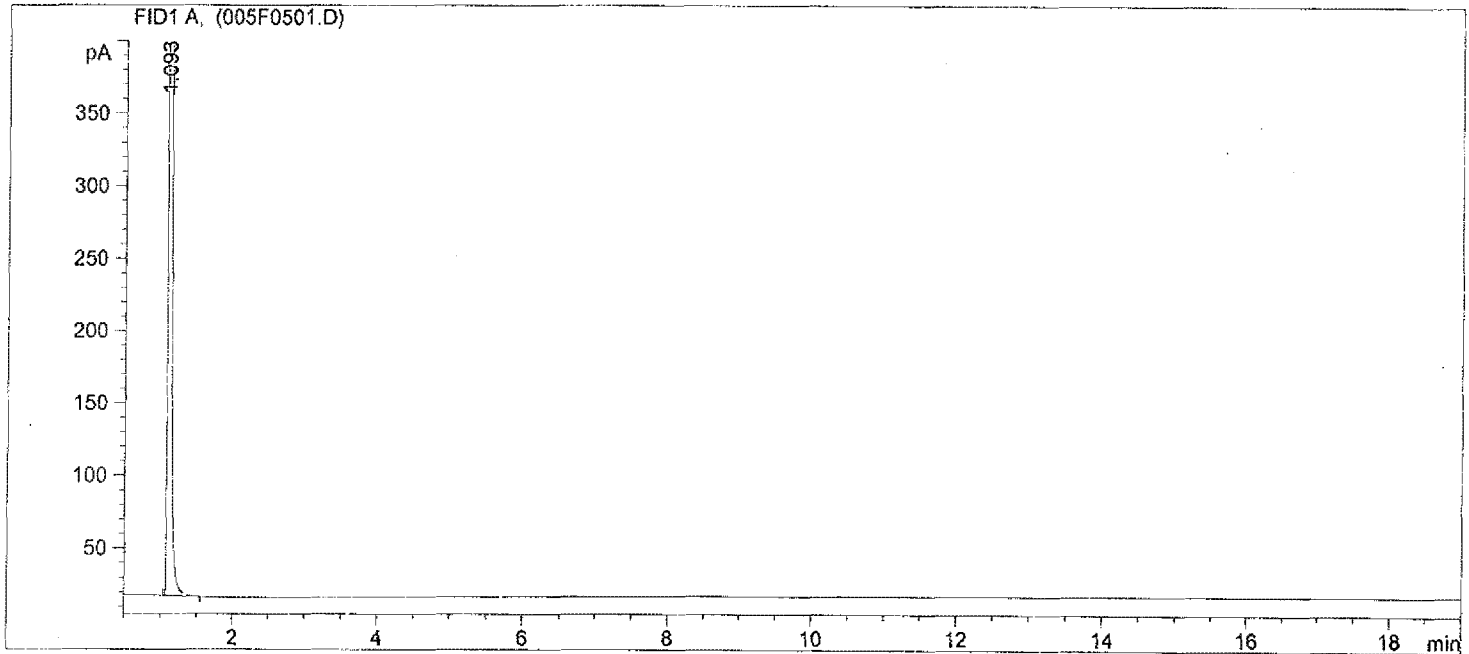
Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.094	BB S	0.0200	7.17087e4	5.85048e4	98.30741
2	1.213	BB X	0.0209	77.66795	63.08881	0.10648
3	1.334	BV T	0.0217	146.75499	114.39899	0.20119
4	3.184	VV	0.0167	967.10278	886.67987	1.32583
5	3.292	VV	0.0213	43.10473	29.03475	0.05909

Totals : 7.29433e4 5.95980e4

Results obtained with enhanced integrator!

```
=====
*** End of Report ***
```

```
=====
Injection Date   : 4/9/2010 8:04:24 AM      Seq. Line :    5
Sample Name      : BLANK                    Location  : Vial 5
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Signal
Multiplier           :      1.0000
Dilution             :      1.0000
Sample Amount        :      1.00000 [fleeps] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

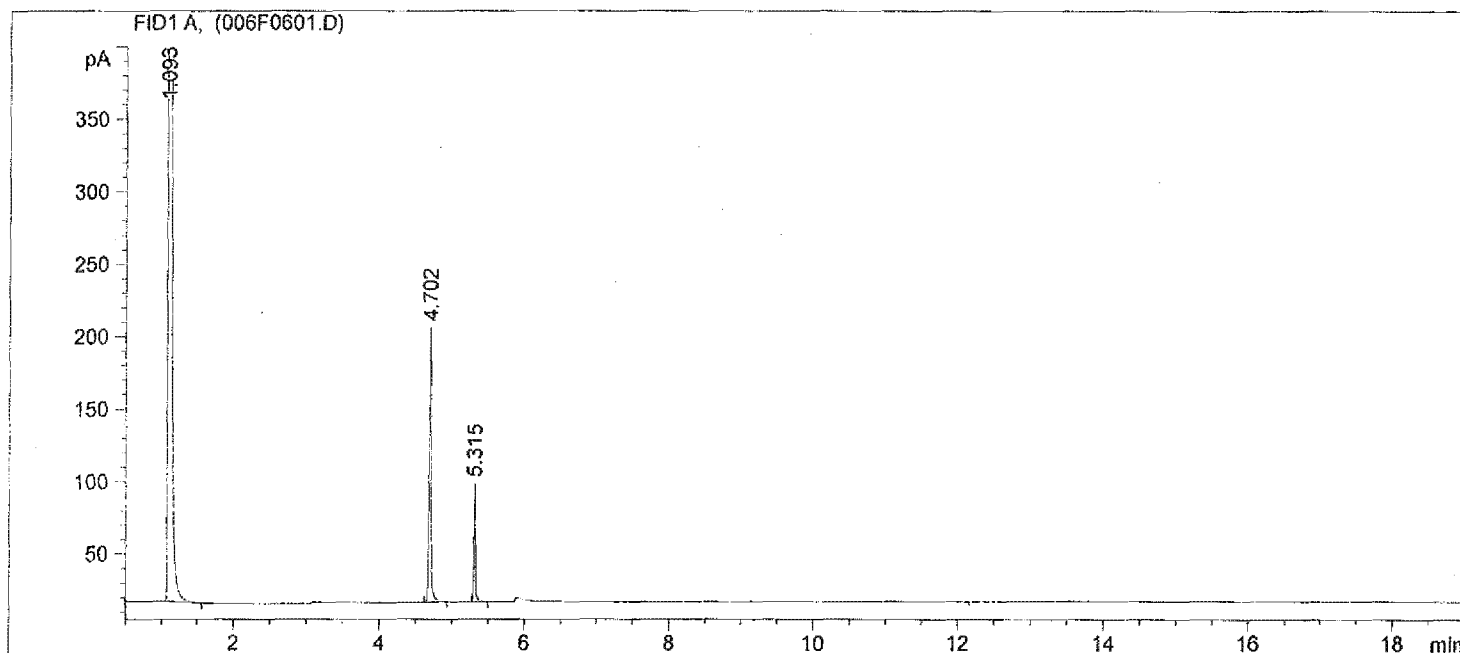
Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.093	BB S	0.0190	8.91714e4	7.68244e4	1.000e2

Totals : 8.91714e4 7.68244e4

Results obtained with enhanced integrator!

```
=====
*** End of Report ***
=====
```

```
=====
Injection Date   : 4/9/2010 8:28:00 AM      Seq. Line :    6
Sample Name      : XXXXXXXXXX          Location  : Vial 6
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      1.0000
Sample Amount  :      1.00000 [fleeps]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

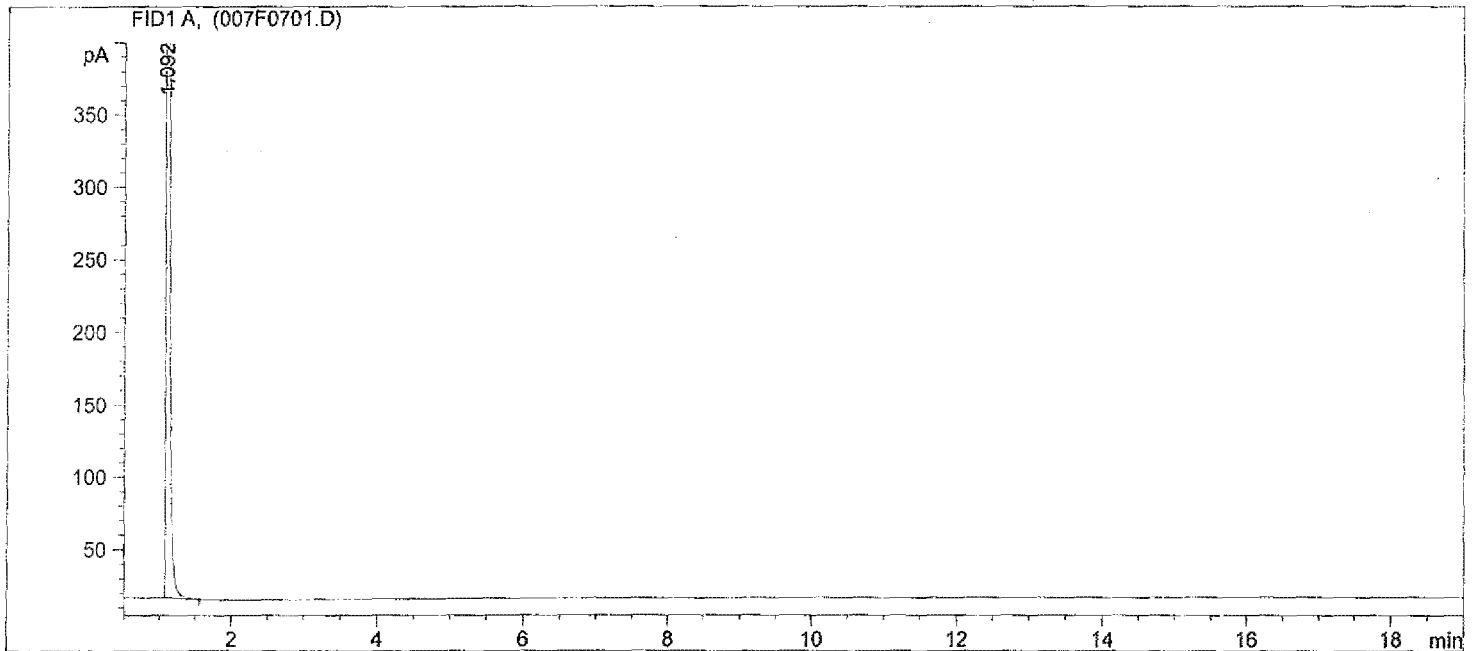
Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.093	BB S	0.0188	9.30693e4	8.13840e4	99.49212
2	4.702	VB	0.0240	342.41888	190.14507	0.36605
3	5.315	PB	0.0251	132.67580	82.12583	0.14183

Totals : 9.35444e4 8.16563e4

Results obtained with enhanced integrator!

```
=====
*** End of Report ***
```

```
=====
Injection Date   : 4/9/2010 8:51:43 AM      Seq. Line :    7
Sample Name      : BLANK                    Location  : Vial 7
Acq. Operator    : ASD                      Inj       :    1
Acq. Instrument  : Instrument 3              Inj Volume: 1 µl
Sequence File    : C:\HPCHEM\1\SEQUENCE\CBS.S
Method           : C:\HPCHEM\1\METHODS\GENSCAN.M
Last changed     : 12/15/2008 12:38:16 PM by ASD
FOR UNKNOWN SAMPLES
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      1.0000
Sample Amount  :      1.00000 [fleeps]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	1.092	BB S	0.0175	1.00226e5	9.13766e4	1.000e2

Totals : 1.00226e5 9.13766e4

Results obtained with enhanced integrator!

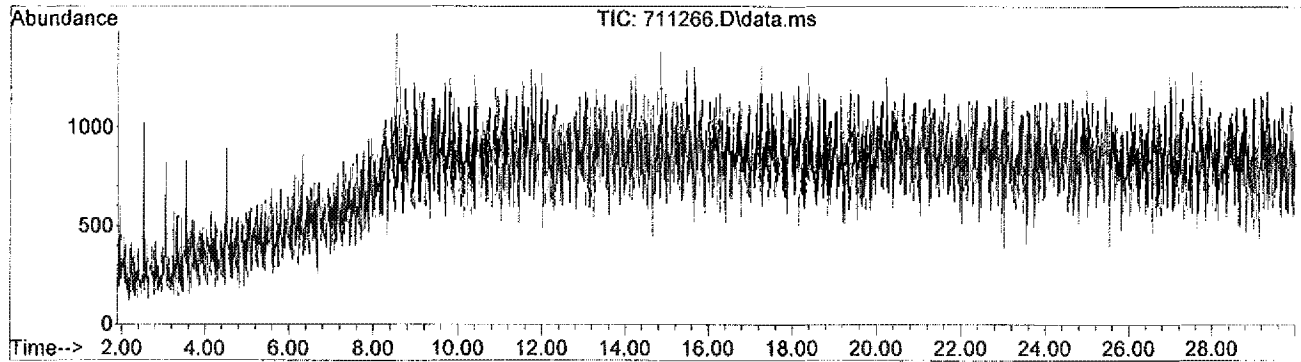
```
=====
*** End of Report ***
```

✓ P.P. 10

1-10-11

Information from Data File:

File Name : H:\04_16_10\711266.D
Operator : P.PIRO
Date Acquired : 17 Apr 2010 19:54
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: SCREEN
Integrator : RTE



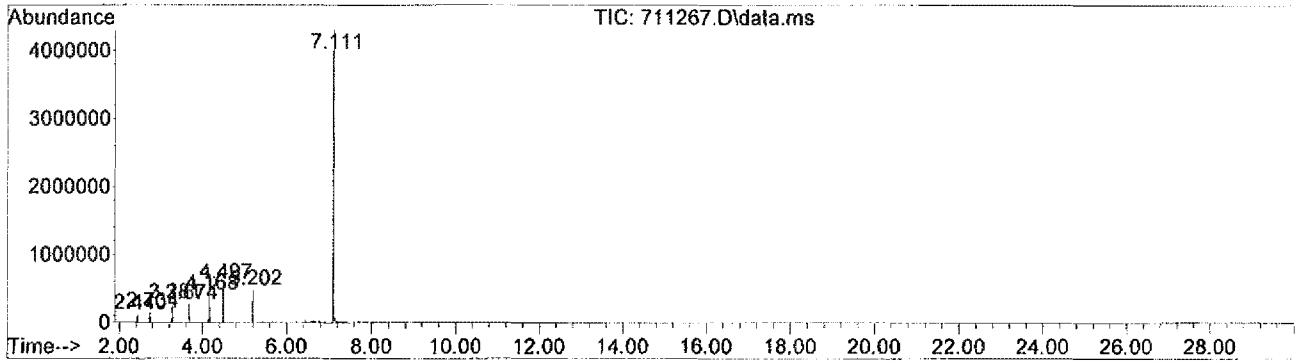
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_16_10\711267.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 20:29
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 67
 AcquisitionMeth: SCREEN
 Integrator : RTE



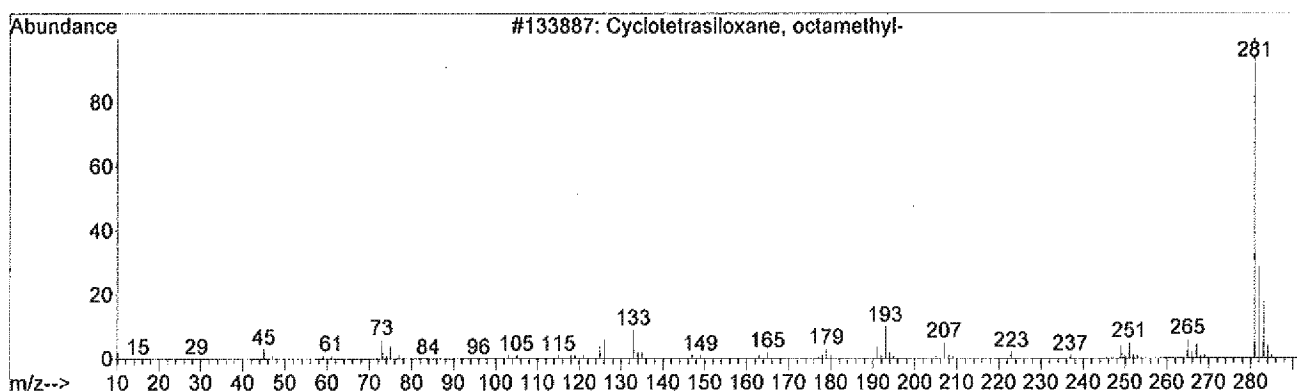
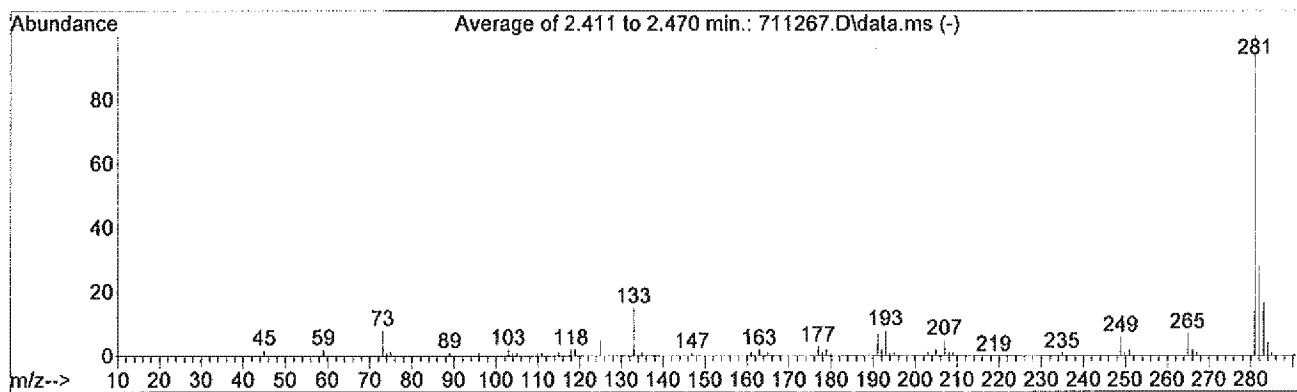
Ret. Time	Area	Area %	Ratio %
2.440	132288	2.22	3.25
2.734	137762	2.31	3.39
3.281	234223	3.93	5.76
3.674	265608	4.45	6.53
4.168	352580	5.91	8.67
4.497	457035	7.66	11.24
5.202	320516	5.37	7.88
7.111	4066639	68.16	100.00

Information from Data File:

File Name : H:\04_16_10\711267.D
Operator : P. PIRO
Date Acquired : 17 Apr 2010 20:29
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 67
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.44	C:\Database\NIST08.L		
		Cyclotetrasiloxane, octamethyl-	000556-67-2	90
		Cyclotetrasiloxane, octamethyl-	000556-67-2	78
		7H-Dibenzo[b,g]carbazole, 7-methyl-	003557-49-1	56



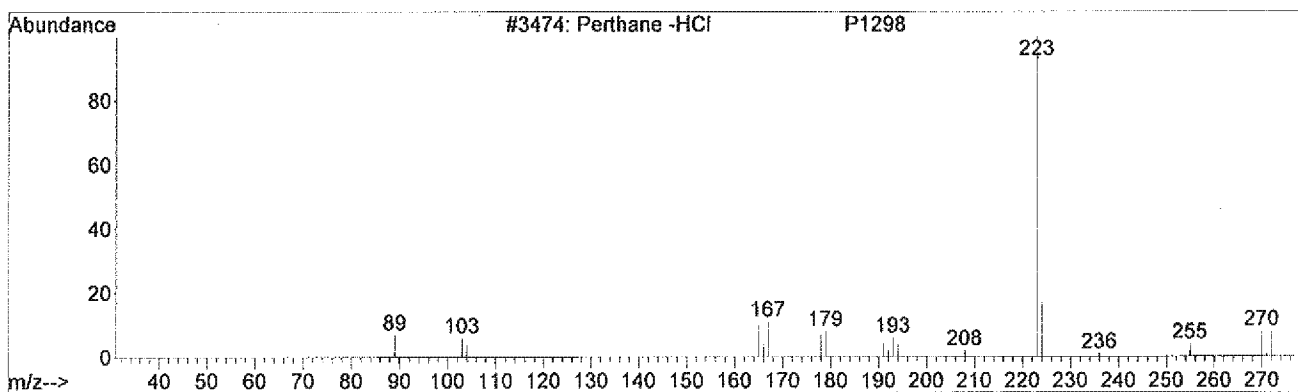
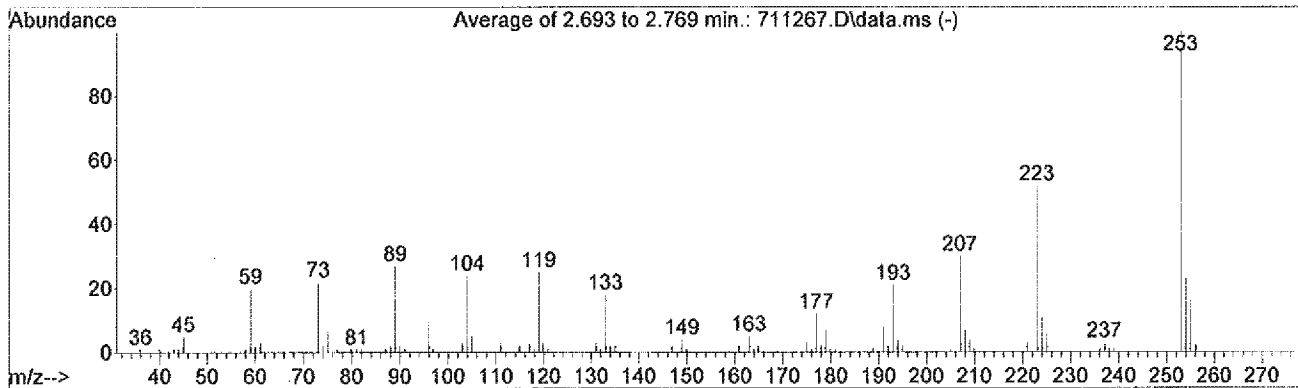
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_16_10\711267.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 20:29
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 67
 AcquisitionMeth: SCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.73	C:\Database\PMW_TOX2.L		
		Perthane -HCl	000000-00-0	9
		Danthron ET	000000-00-0	4
		Dibenzepin-M (ter-nor-) AC	000000-00-0	2



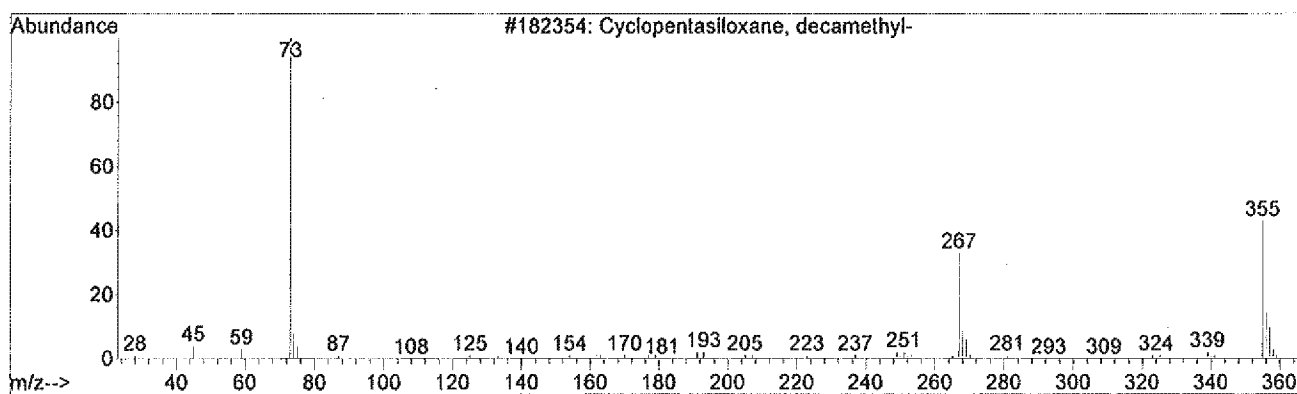
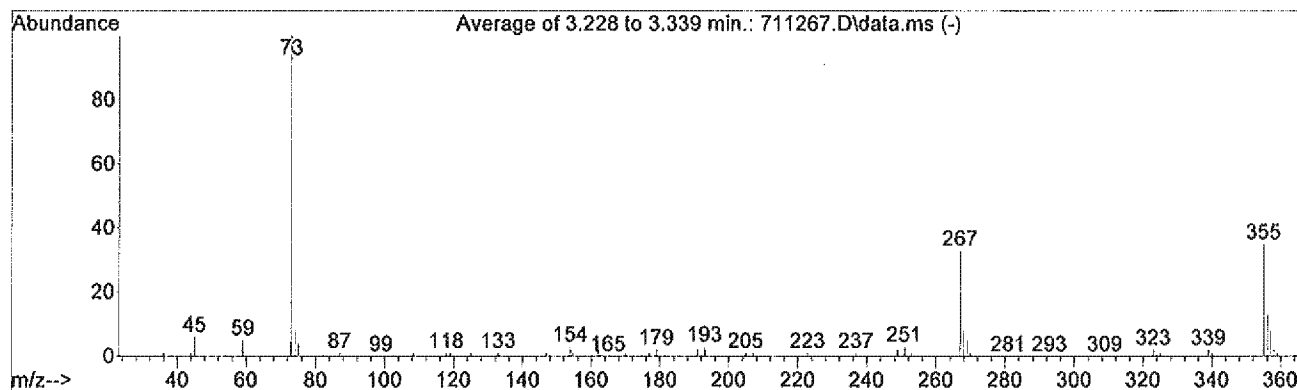
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_16_10\711267.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 20:29
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 67
 AcquisitionMeth: SCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.28	C:\Database\NIST08.L		
		Cyclopentasiloxane, decamethyl-	000541-02-6	91
		N-(Trifluoroacetyl)-N,O,O',O''-tetr	1000072-26-7	50
		Phenethylamine, N-methyl-.beta.,3,4	010538-85-9	40



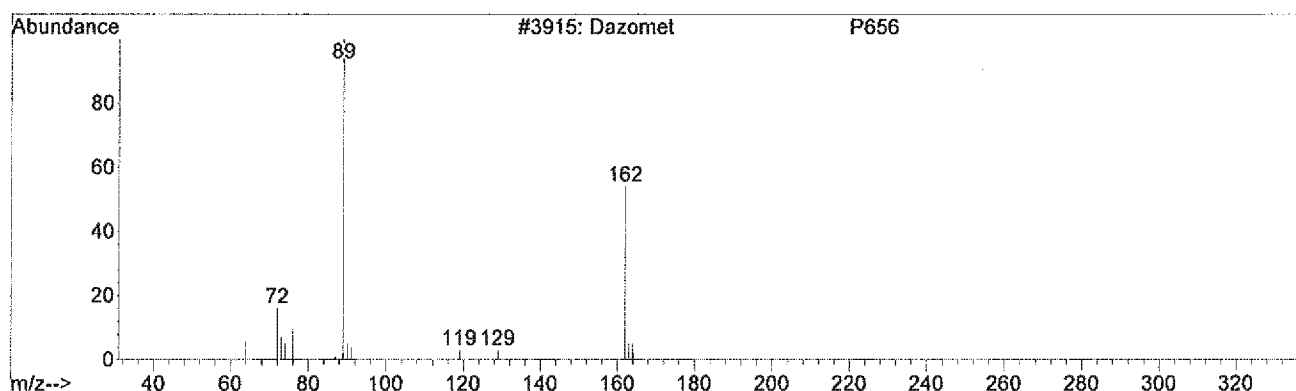
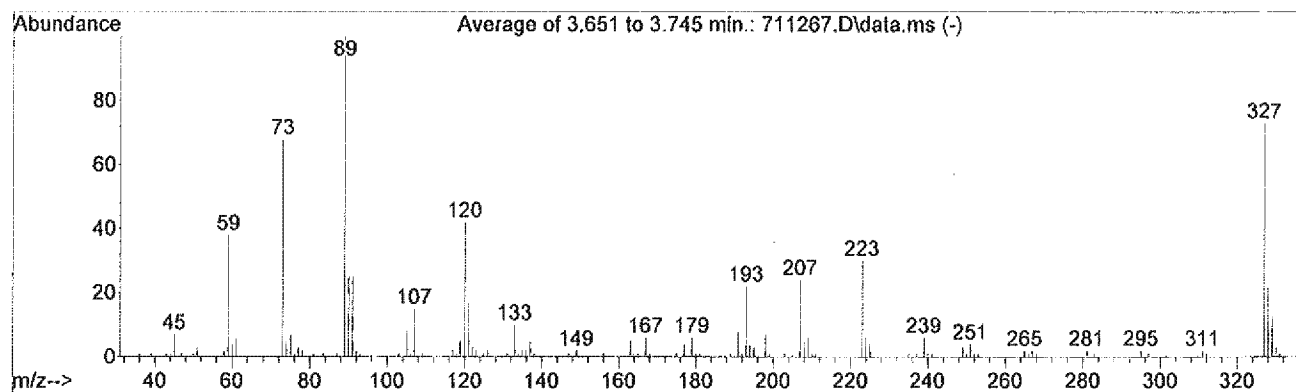
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_16_10\711267.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 20:29
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 67
 AcquisitionMeth: SCREEN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.67	C:\Database\PMW_TOX2.L		
		Dazomet	000533-74-4	4
		Metalddehyde	009002-91-9	1

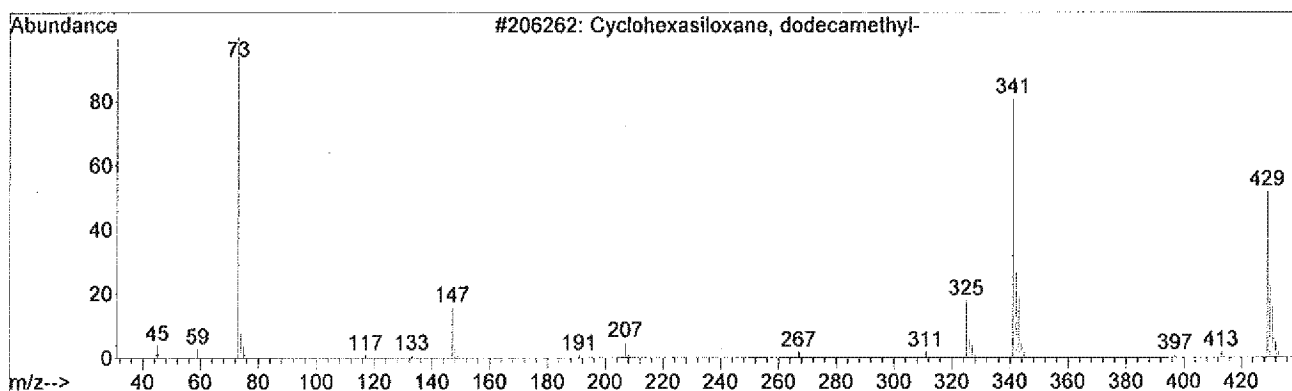
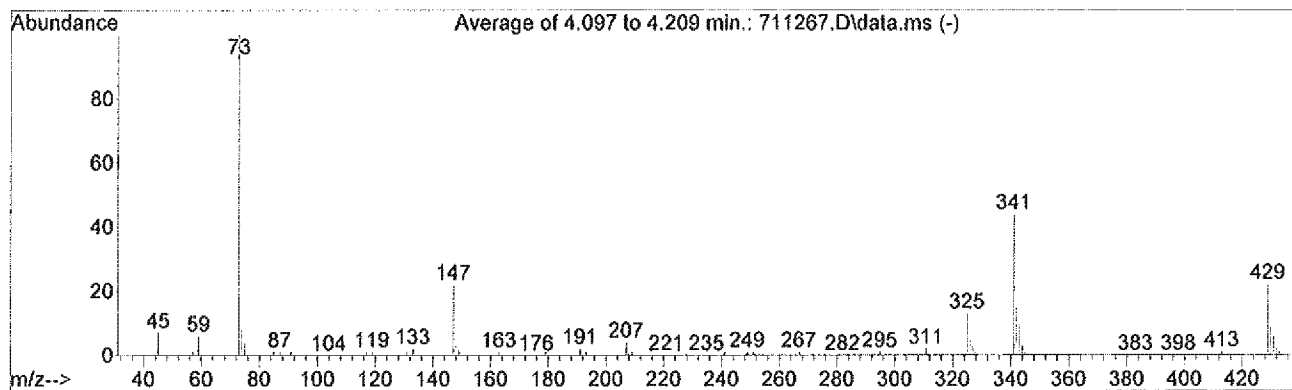


Information from Data File:

File Name : H:\04_16_10\711267.D
Operator : P. PIRO
Date Acquired : 17 Apr 2010 20:29
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 67
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	4.17	C:\Database\NIST08.L		
		Cyclohexasiloxane, dodecamethyl-	000540-97-6	90
		Cyclohexasiloxane, dodecamethyl-	000540-97-6	90
		Cyclohexasiloxane, dodecamethyl-	000540-97-6	46



Area Percent / Library Search Report

Information from Data File:

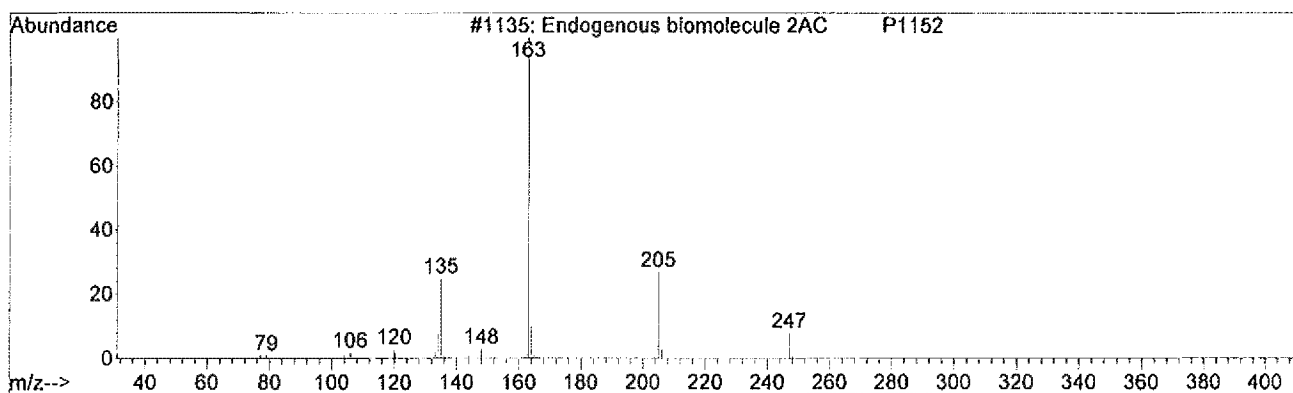
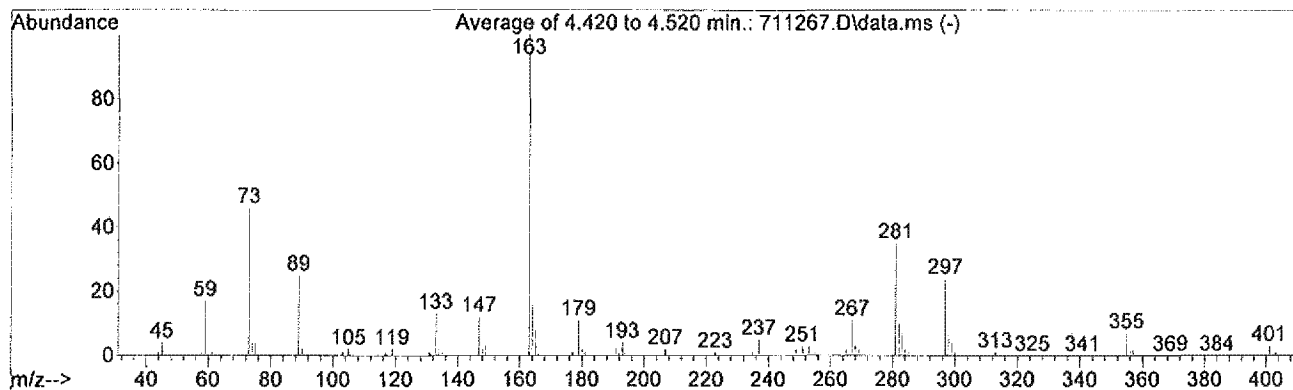
```

File Name       : H:\04_16_10\711267.D
Operator        : P. PIRO
Date Acquired   : 17 Apr 2010  20:29
Sample Name     : 
Submitted by    : ASD
Vial Number     : 67
AcquisitionMeth : SCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
6	4.50	C:\Database\PMW_TOX2.L		
		Endogenous biomolecule 2AC	000000-00-0	2
		Propofol	002078-54-8	2
		Primidone-M (diamide)	007206-76-0	2

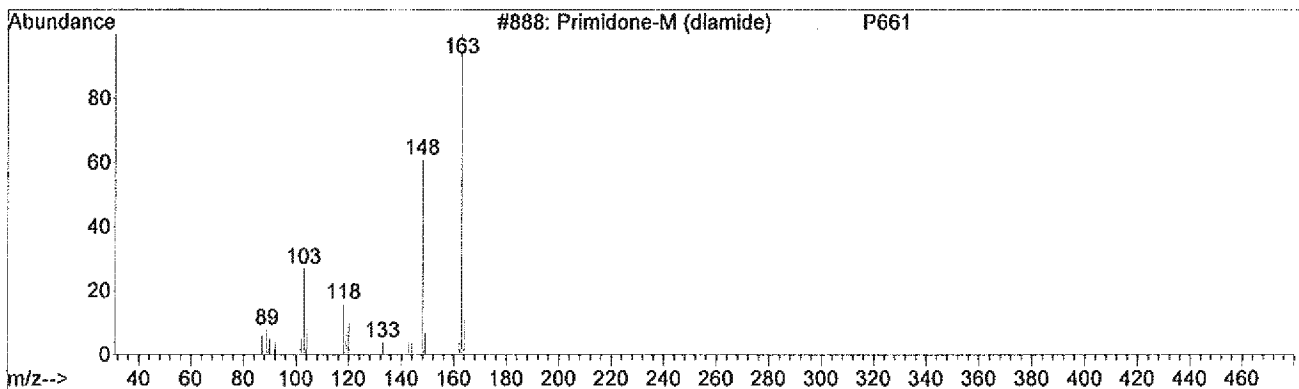
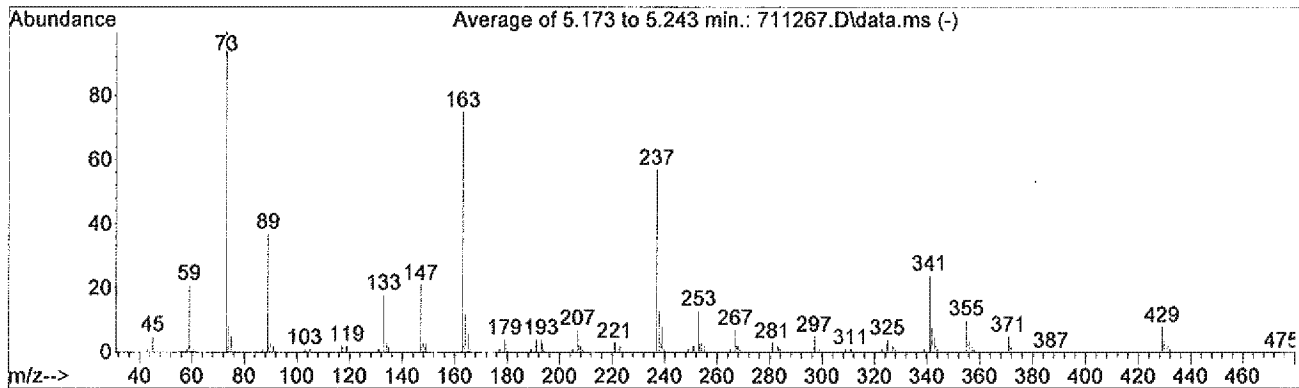


Information from Data File:

File Name : H:\04_16_10\711267.D
Operator : P. PIRO
Date Acquired : 17 Apr 2010 20:29
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 67
AcquisitionMeth: SCREEN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	5.20	C:\Database\PMW_TOX2.L		
		Primidone-M (diamide)	007206-76-0	2
		Endogenous biomolecule 2AC	000000-00-0	2
		Propofol	002078-54-8	2



Area Percent / Library Search Report

Information from Data File:

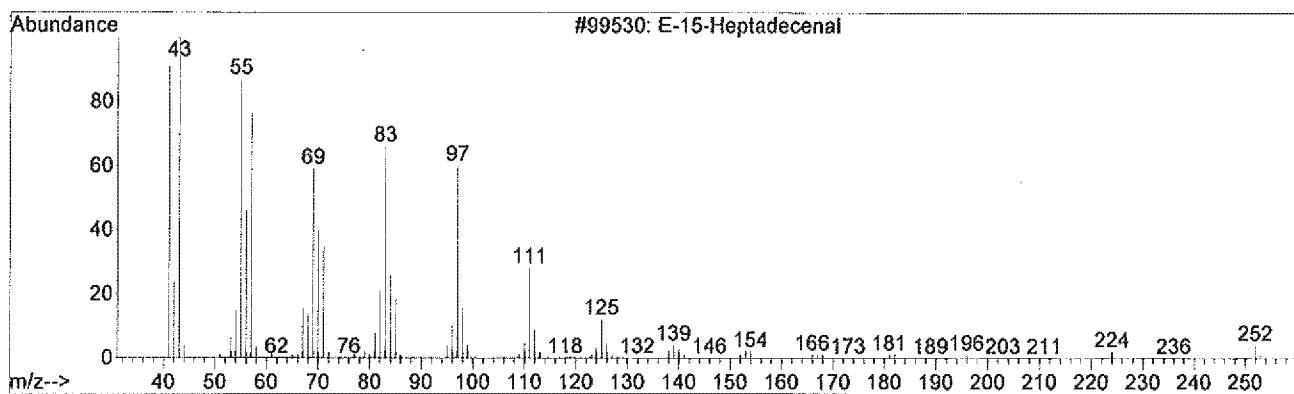
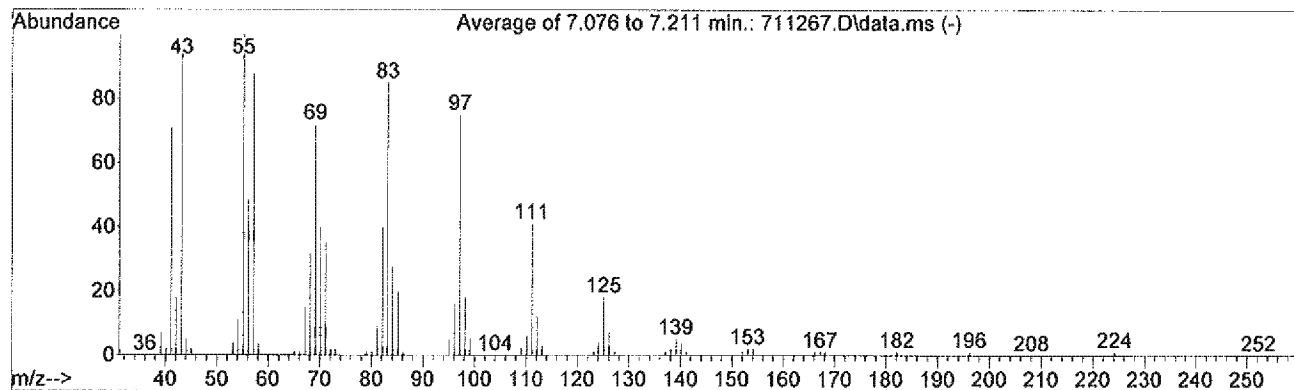
```

File Name       : H:\04_16_10\711267.D
Operator        : P. PIRO
Date Acquired   : 17 Apr 2010  20:29
Sample Name     : 
Submitted by    : ASD
Vial Number     : 67
AcquisitionMeth : SCREEN
Integrator      : RTE
  
```

```

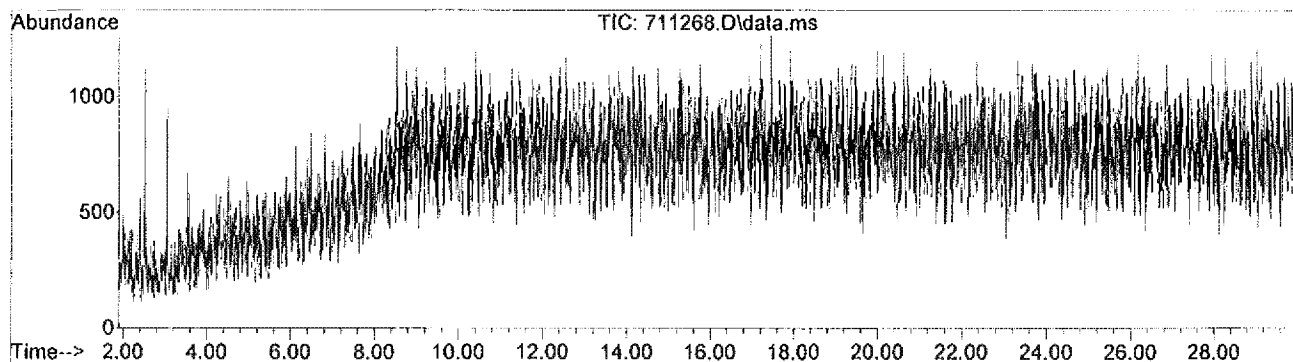
Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
8	7.11	C:\Database\NIST08.L		
		E-15-Heptadecenal	1000130-97-9	99
		1-Hexadecanol	036653-82-4	94
		1-Octadecanol	000112-92-5	94



Information from Data File:

File Name : H:\04_16_10\711268.D
Operator : P. PIRO
Date Acquired : 17 Apr 2010 21:03
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: SCREEN
Integrator : RTE



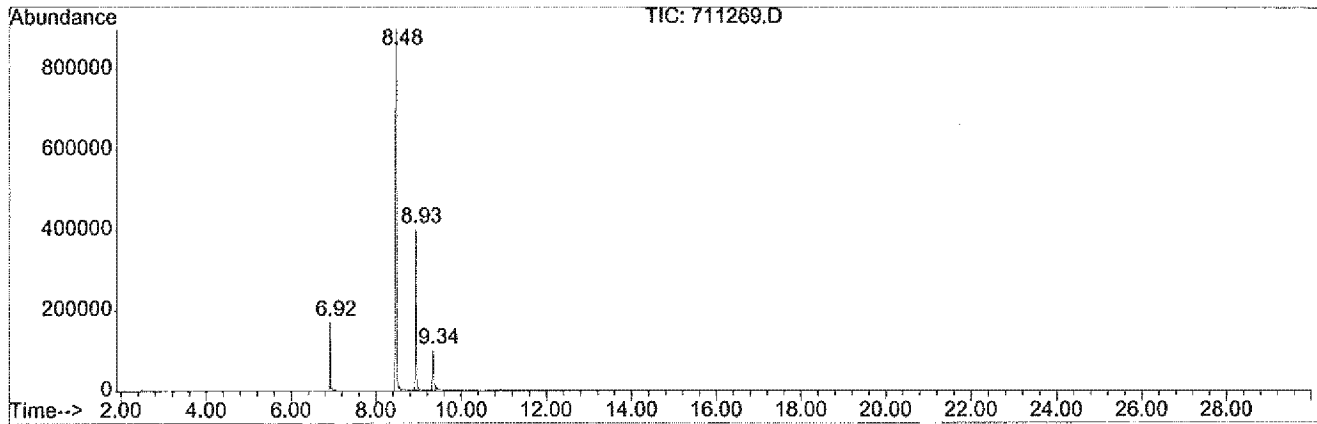
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM5\04_16_10\711269.D
Operator : P. PIRO
Date Acquired : 17 Apr 2010 21:37
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 69
AcquisitionMeth: SCREEN
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.919	210626	7.08	10.58
8.482	1991222	66.92	100.00
8.935	555518	18.67	27.90
9.340	218273	7.34	10.96

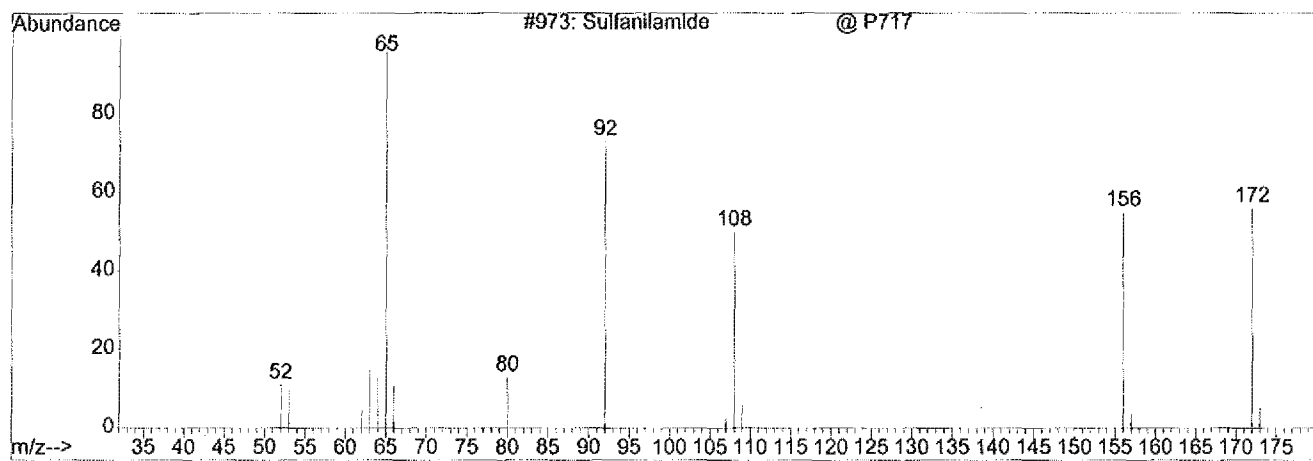
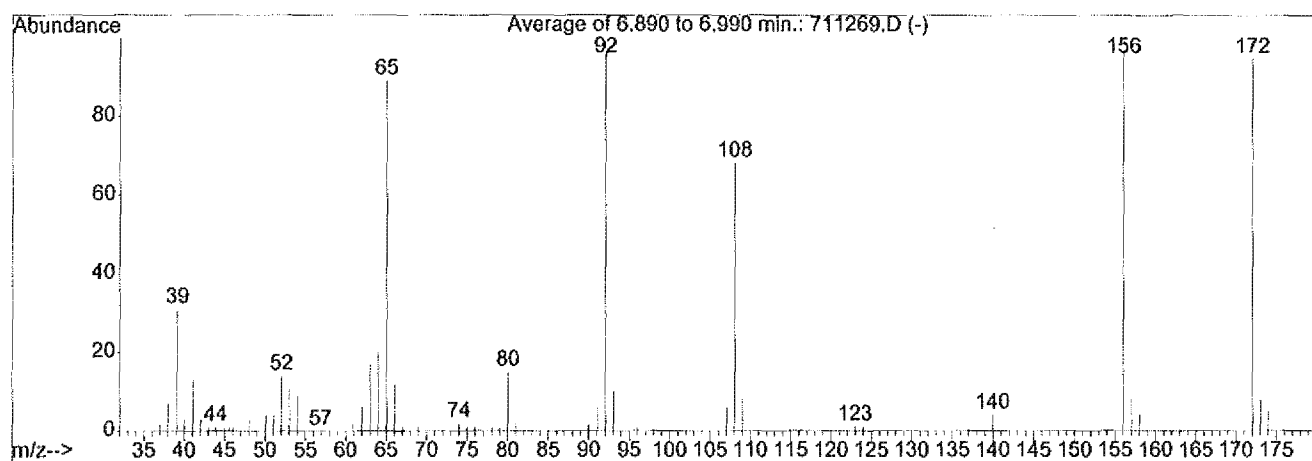
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM5\04_16_10\711269.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 21:37
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 69
 AcquisitionMeth: SCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.92	C:\DATABASE\PMW_TOX2.L		
		Sulfanilamide	@ 000063-74-1	96
		Sulfamethoxazole ME	000000-00-0	9
		Acetylsulfanilamide	@ 000121-61-9	7



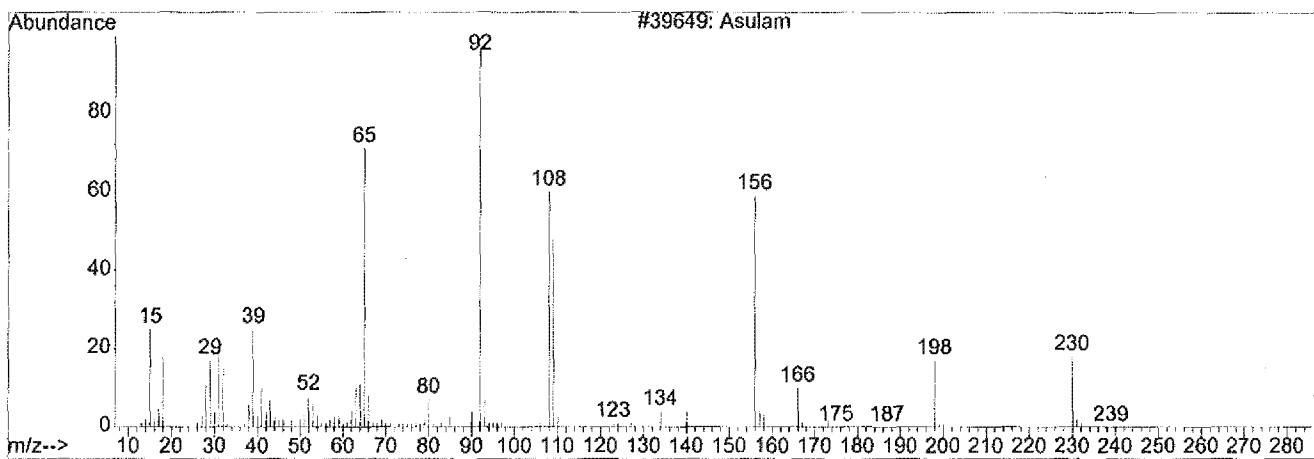
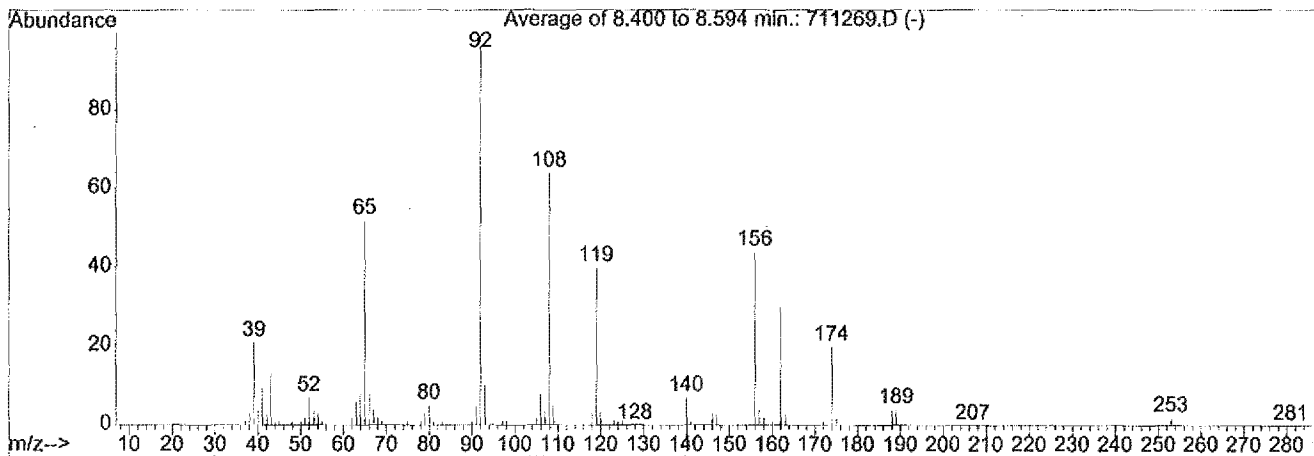
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM5\04_16_10\711269.D
 Operator : P. PIRO
 Date Acquired : 17 Apr 2010 21:37
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 69
 AcquisitionMeth: SCREEN
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	8.48	C:\DATABASE\NIST98.L		
		Asulam	003337-71-1	59
		Sulfamethoxazole	000723-46-6	52
		4-(2-Methoxybenzylideneamino)benzen	1000225-56-9	50



Area Percent / Library Search Report

Information from Data File:

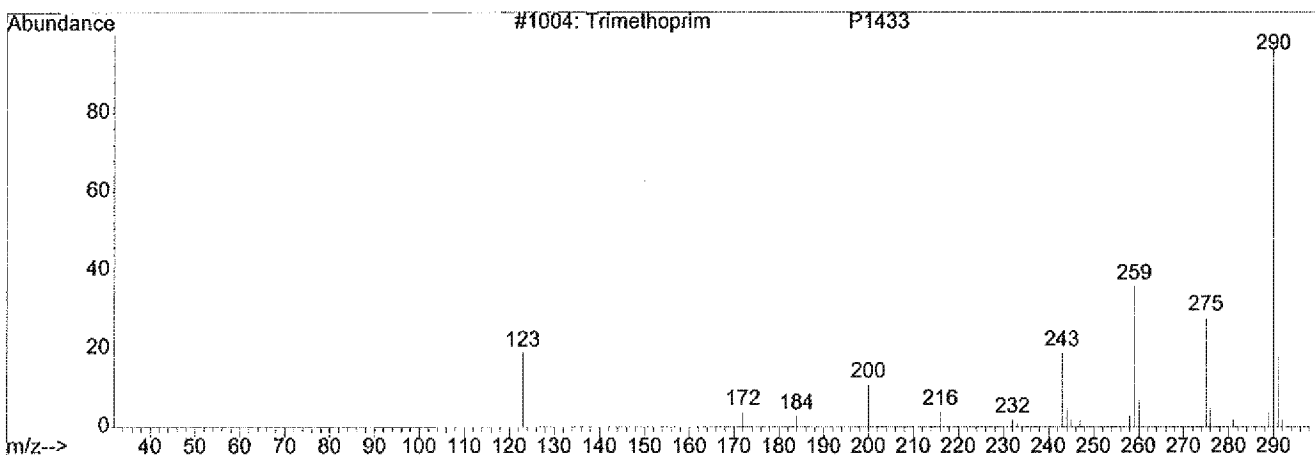
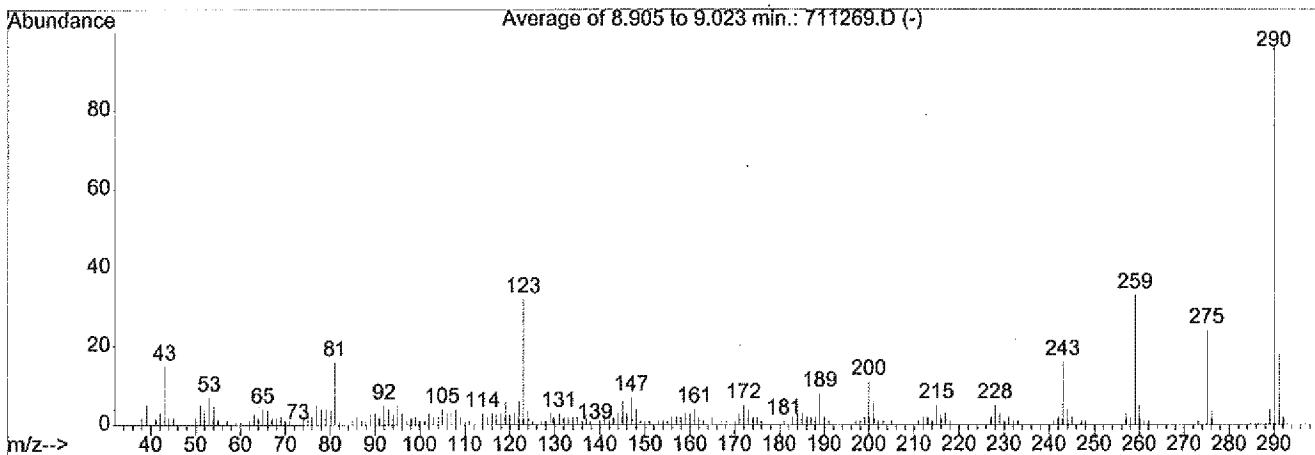
```

File Name       : D:\SYSTEM5\04_16_10\711269.D
Operator        : P. PIRO
Date Acquired   : 17 Apr 2010   21:37
Sample Name     : 
Submitted by    : ASD
Vial Number     : 69
AcquisitionMeth : SCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI             Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	8.93	C:\DATABASE\PMW_TOX2.L		
		Trimethoprim	000738-70-5	95
		Sultiam	000061-56-3	23
		Moxaverine-M -H2O isomer-2	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

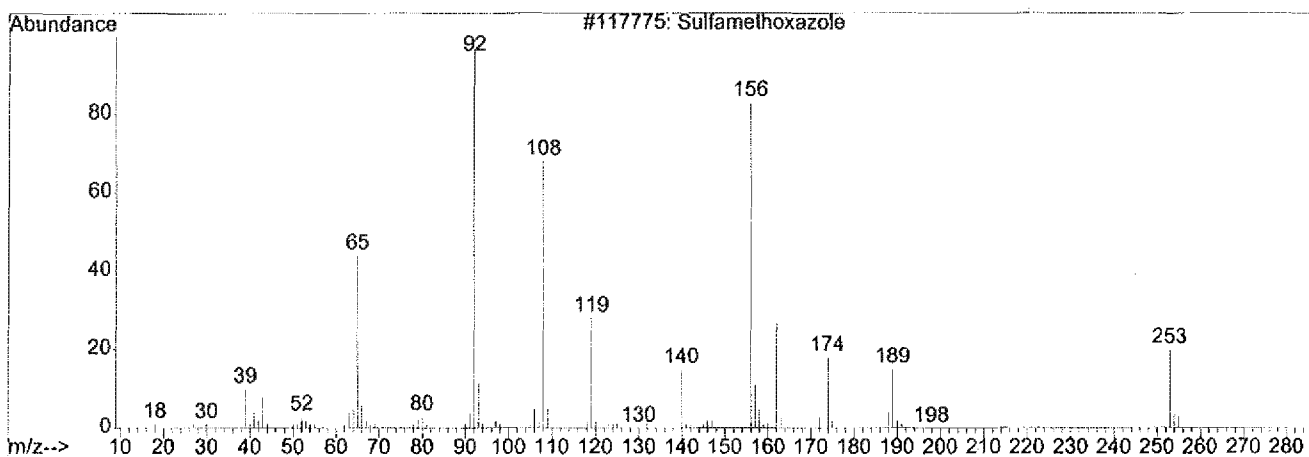
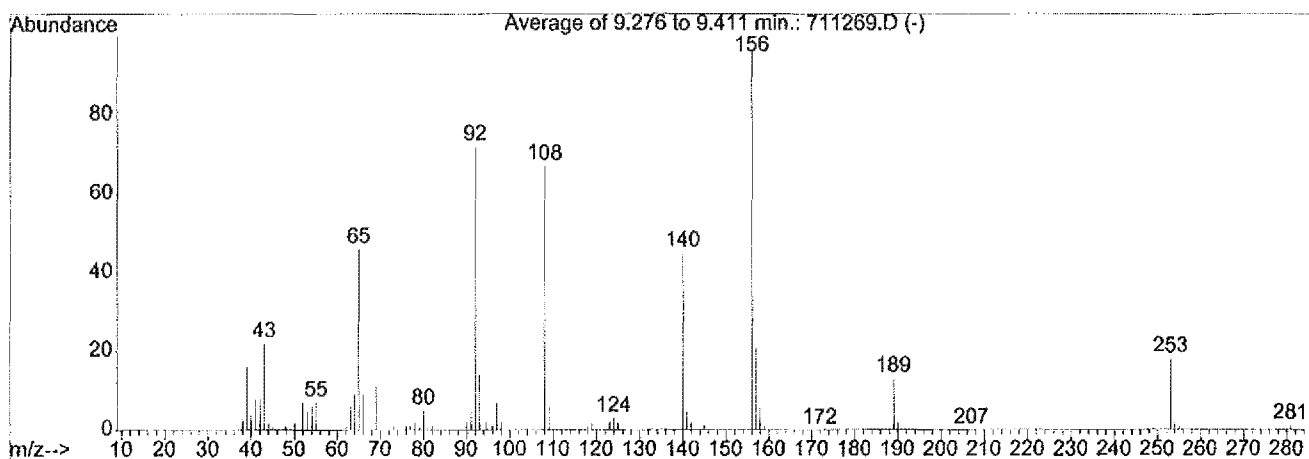
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File Name       : D:\SYSTEM5\04_16_10\711269.D
Operator        : P. PIRO
Date Acquired   : 17 Apr 2010  21:37
Sample Name     : 
Submitted by    : ASD
Vial Number     : 69
AcquisitionMeth : SCREEN
Integrator      : RTE
  
```

```

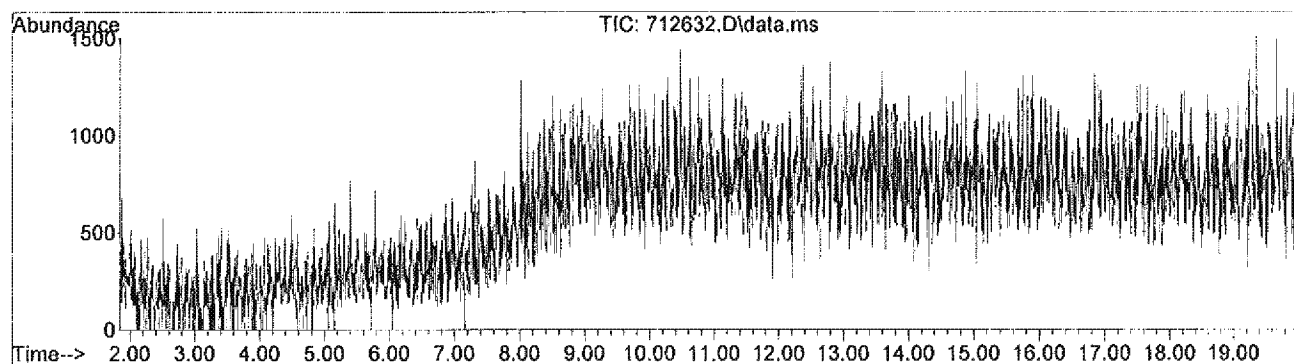
Search Libraries: C:\DATABASE\SLI             Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
4	9.34	C:\DATABASE\NIST98.L		
		Sulfamethoxazole	000723-46-6	76
		Sulfasomizole	000632-00-8	64
		Sulfisoxazole	000127-69-5	64



Area Percent / Library Search Report

Information from Data File:
File Name : H:\04_23_10\712632.D
Operator : ASD
Date Acquired : 23 Apr 2010 22:25
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: GENSCAN
Integrator : RTE

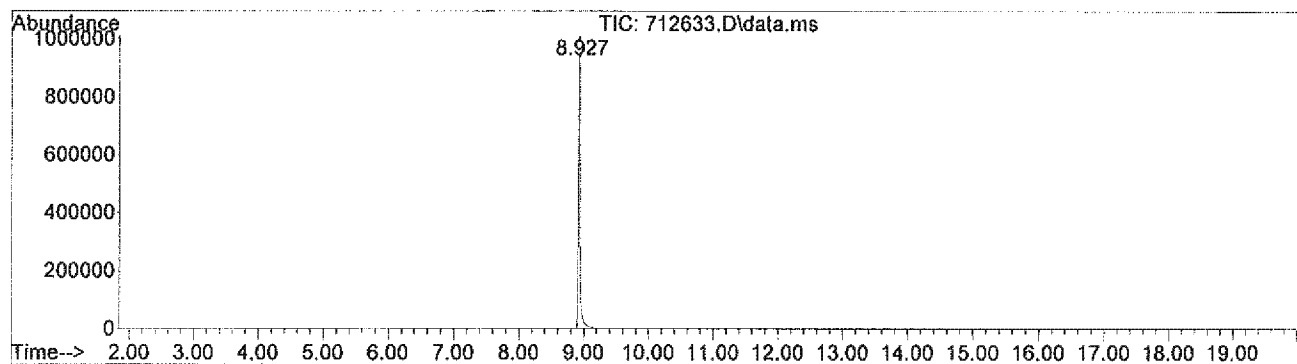


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
 File Name : H:\04_23_10\712633.D
 Operator : ASD
 Date Acquired : 23 Apr 2010 22:49
 Sample Name : TRIMETHOPRIM STD
 Submitted by :
 Vial Number : 33
 AcquisitionMeth: GENSCAN
 Integrator : RTE



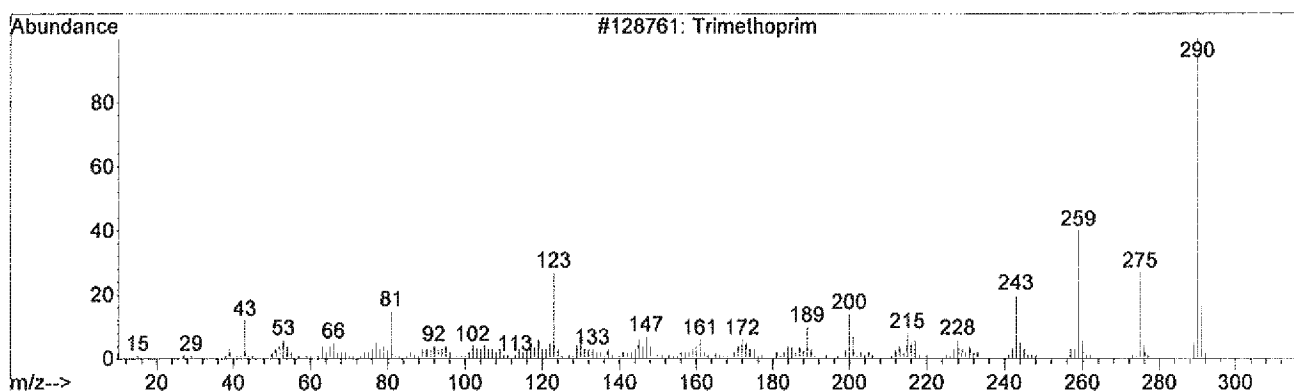
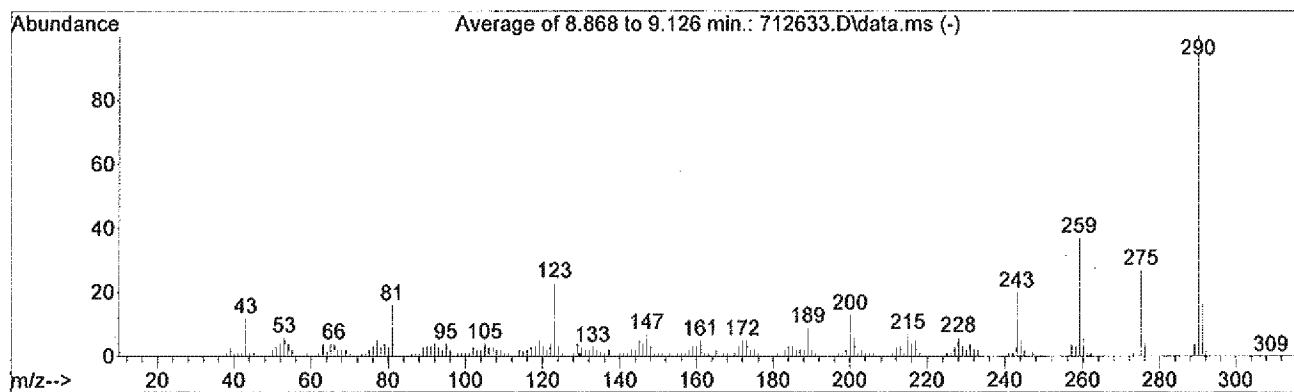
Ret. Time	Area	Area %	Ratio %
8.927	1587069	100.00	100.00

Information from Data File:

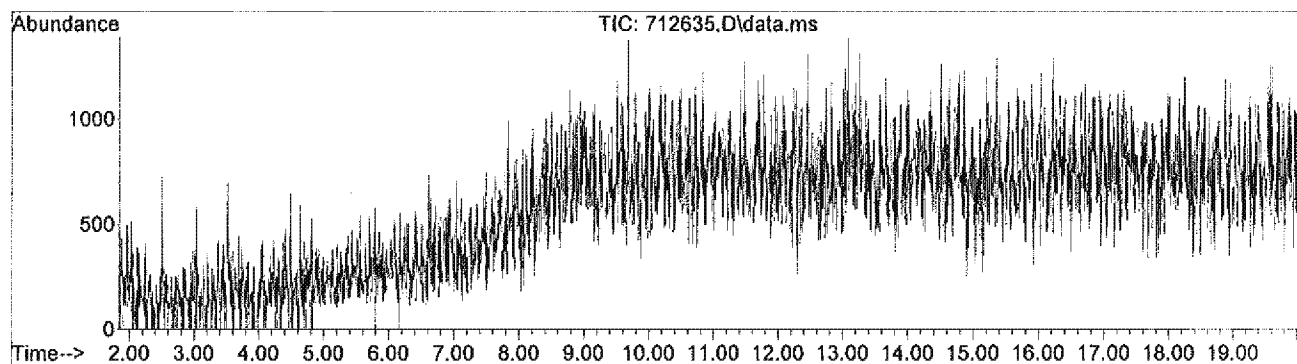
File Name : H:\04_23_10\712633.D
Operator : ASD
Date Acquired : 23 Apr 2010 22:49
Sample Name : TRIMETHOPRIM STD
Submitted by :
Vial Number : 33
AcquisitionMeth: GENSCAN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.93	C:\Database\NIST08.L		
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99



Information from Data File:
File Name : H:\04_23_10\712635.D
Operator : ASD
Date Acquired : 23 Apr 2010 23:37
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: GENSCAN
Integrator : RTE

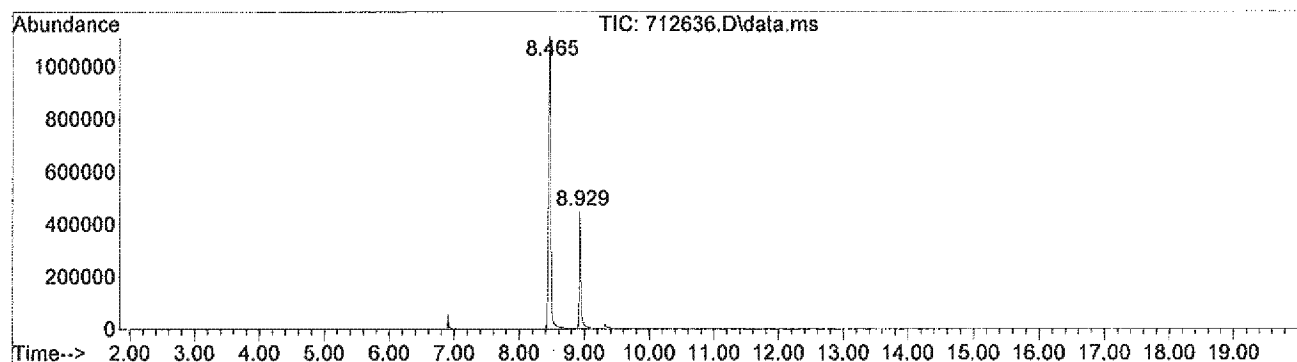


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
 File Name : H:\04_23_10\712636.D
 Operator : ASD
 Date Acquired : 24 Apr 2010 00:01
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 36
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.465	2807221	78.92	100.00
8.929	749976	21.08	26.72

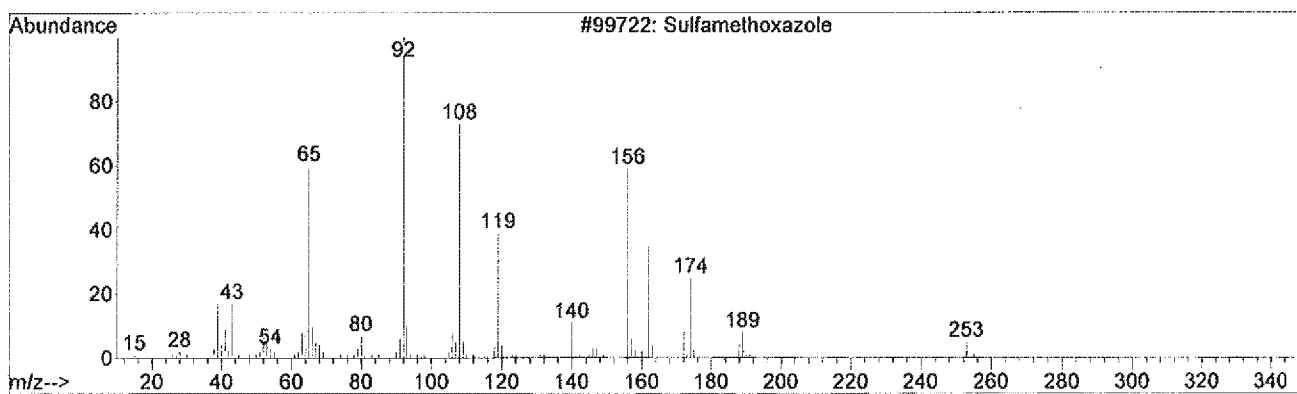
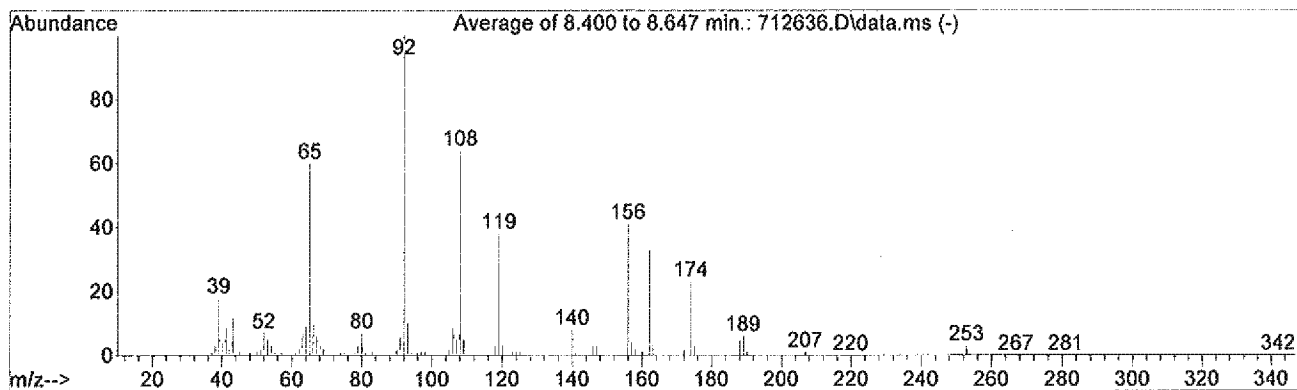
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_23_10\712636.D
 Operator : ASD
 Date Acquired : 24 Apr 2010 00:01
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 36
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	8.47	C:\Database\NIST08.L		
		Sulfamethoxazole	000723-46-6	95
		Sulfamethoxazole	000723-46-6	83
		Asulam	003337-71-1	50



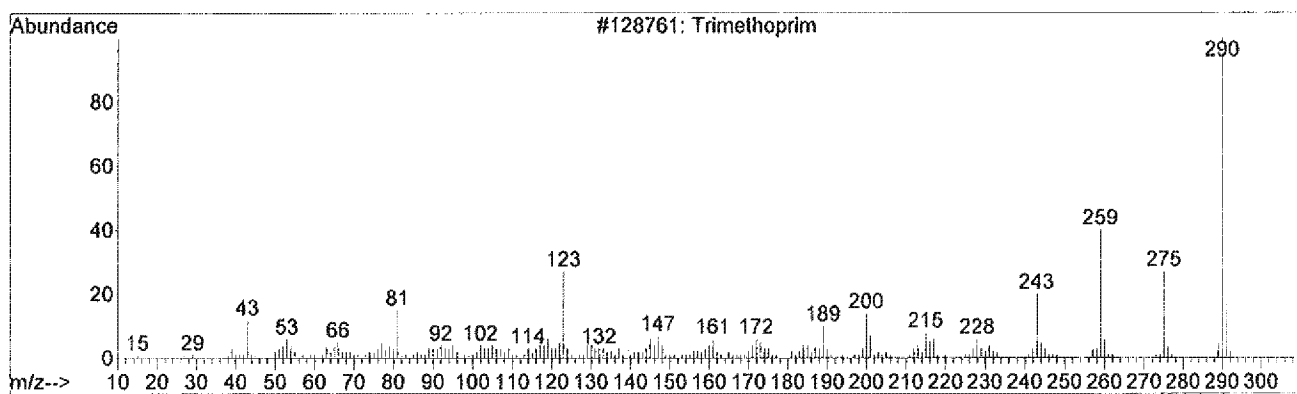
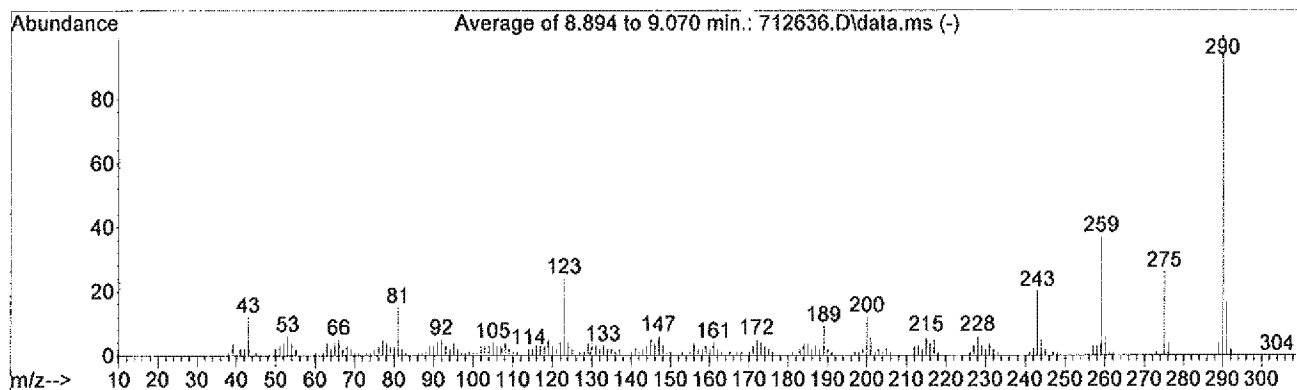
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_23_10\712636.D
Operator : ASD
Date Acquired : 24 Apr 2010 00:01
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 36
AcquisitionMeth: GENSCAN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

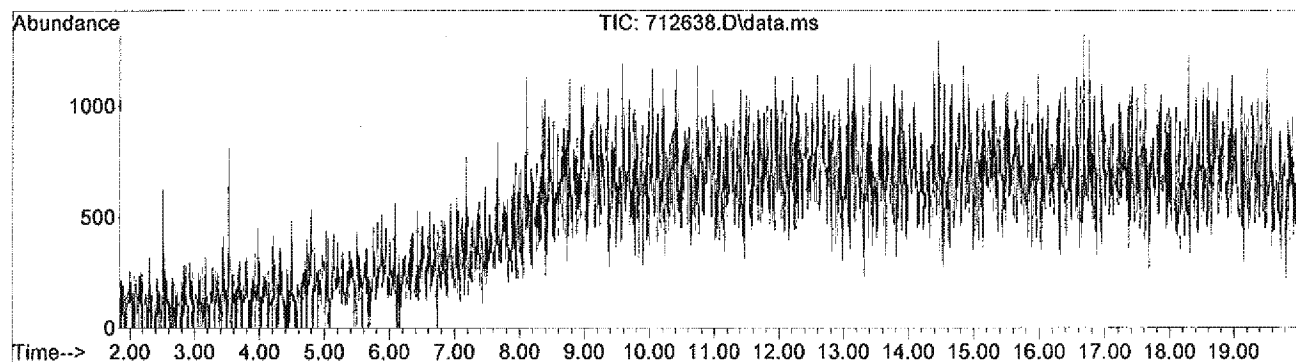
PK#	RT	Library/ID	CAS#	Qual
2	8.93	C:\Database\NIST08.L		
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99



Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_23_10\712638.D
Operator : ASD
Date Acquired : 24 Apr 2010 00:49
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: GENSCAN
Integrator : RTE

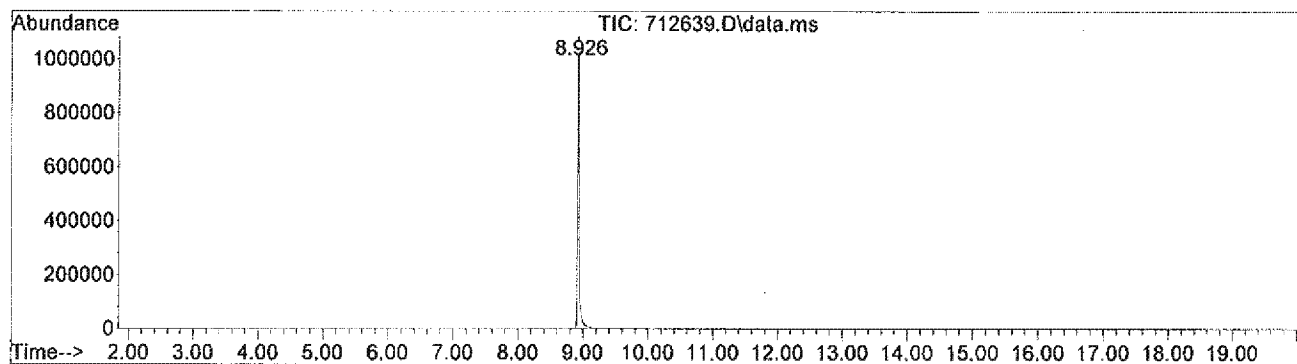


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
 File Name : H:\04_23_10\712639.D
 Operator : ASD
 Date Acquired : 24 Apr 2010 1:13
 Sample Name : TRIMETHOPRIM STD
 Submitted by :
 Vial Number : 33
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.926	1681592	100.00	100.00

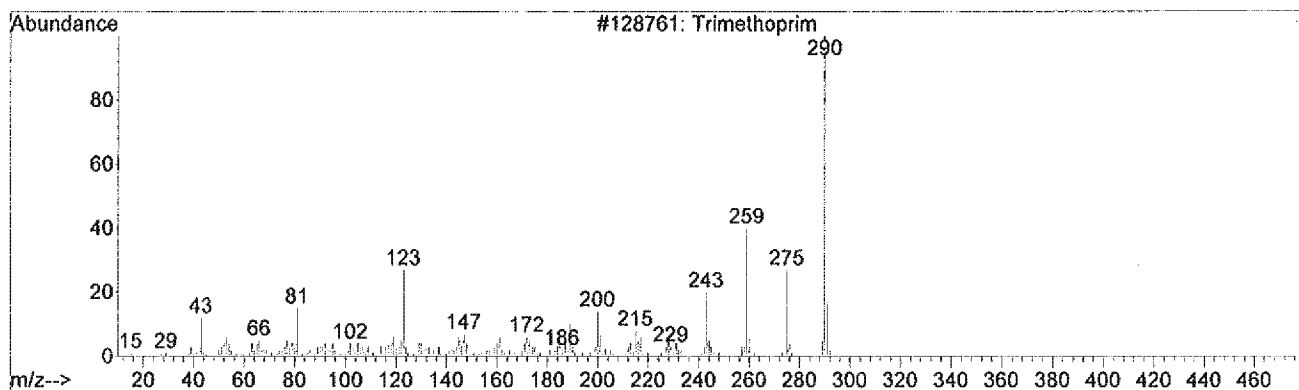
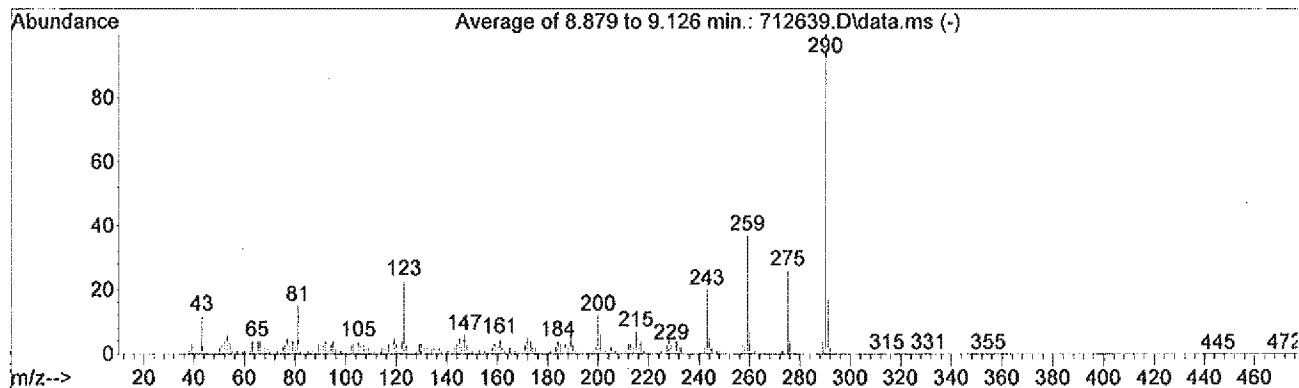
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_23_10\712639.D
 Operator : ASD
 Date Acquired : 24 Apr 2010 1:13
 Sample Name : TRIMETHOPRIM STD
 Submitted by :
 Vial Number : 33
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

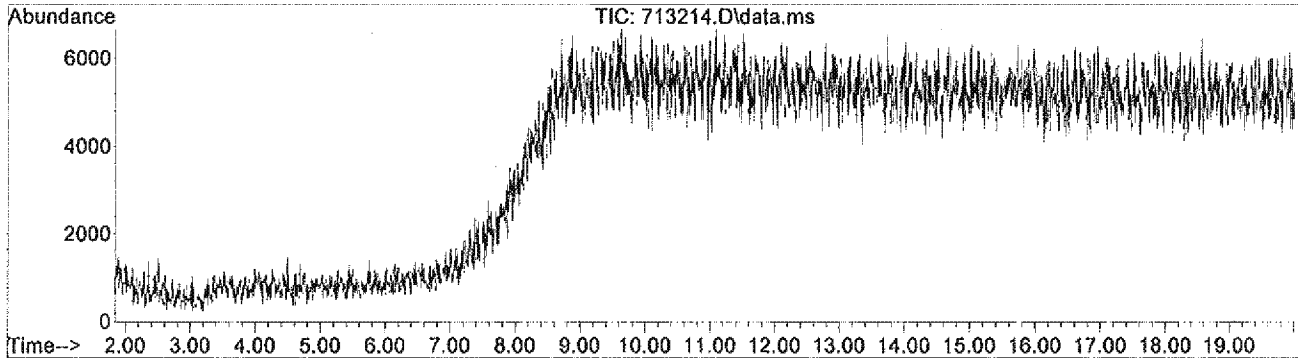
PK#	RT	Library/ID	CAS#	Qual
1	8.93	C:\Database\NIST08.L		
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99



Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713214.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 21:36
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: GENSCAN
 Integrator : RTE



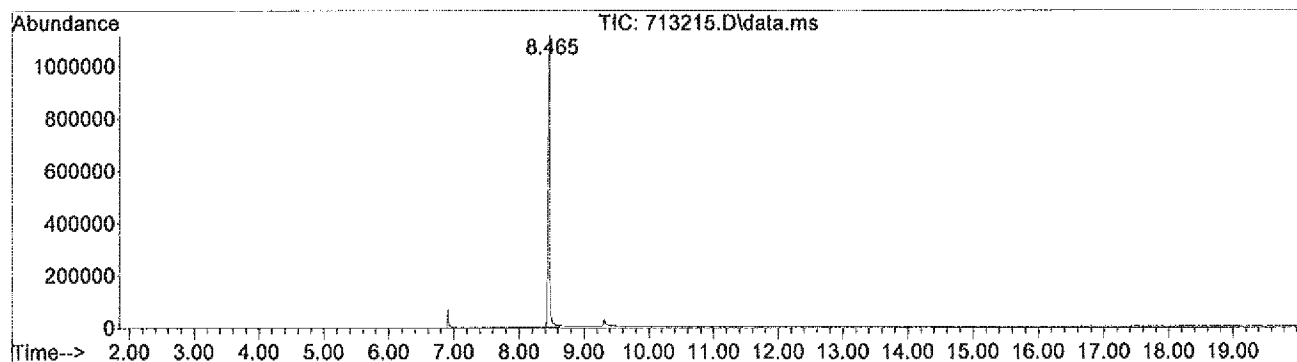
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713215.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 22:00
 Sample Name : SULFAMETHOXAZOLE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.465	2063337	100.00	100.00

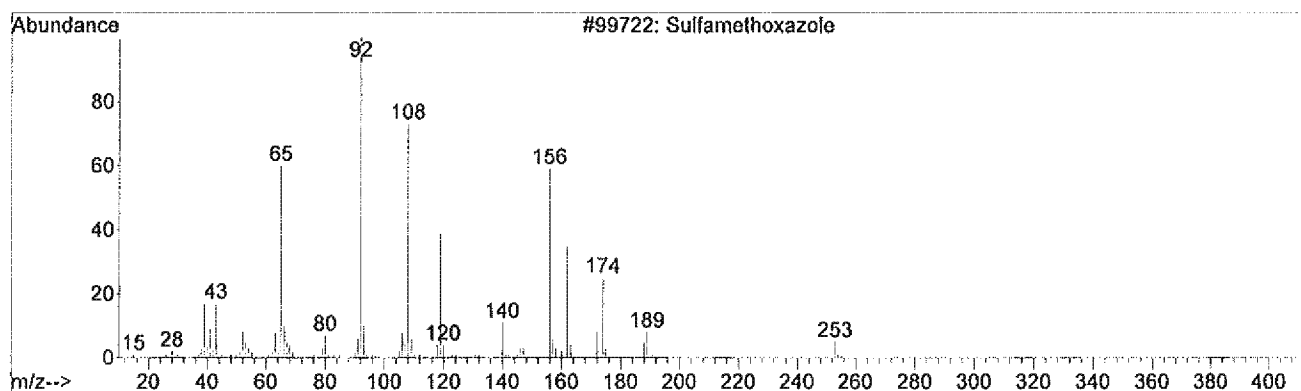
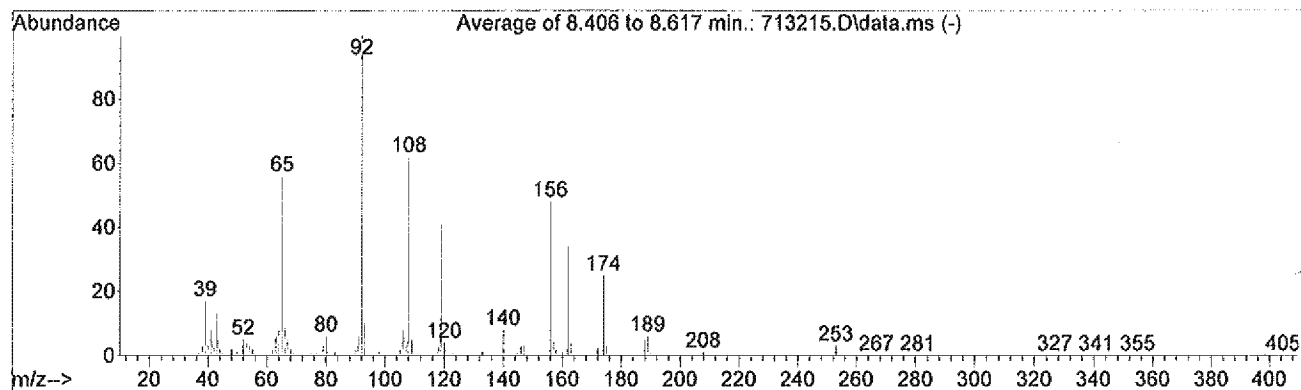
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713215.D
Operator : P. PIRO
Date Acquired : 27 Apr 2010 22:00
Sample Name : SULFAMETHOXAZOLE STD
Submitted by :
Vial Number : 15
AcquisitionMeth: GENSCAN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

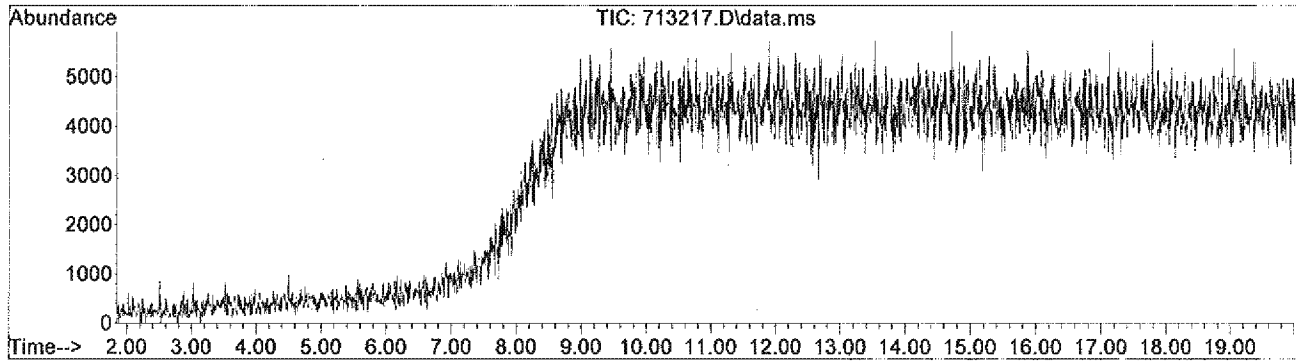
PK#	RT	Library/ID	CAS#	Qual
1	8.46	C:\Database\NIST08.L		
		Sulfamethoxazole	000723-46-6	95
		Methyl 2-pyridylacetate	001658-42-0	47
		3-Picoline, 2-nitro-	018368-73-5	47



Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713217.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 22:48
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 1
 AcquisitionMeth: GENSCAN
 Integrator : RTE



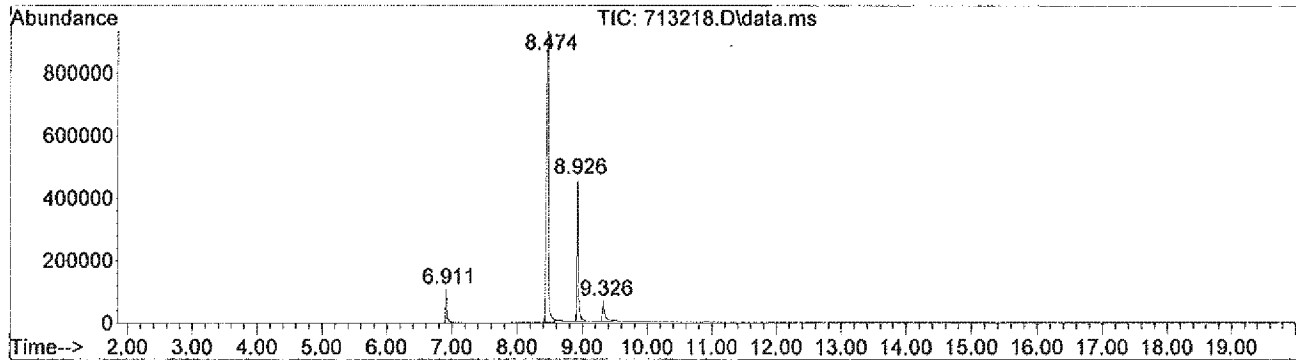
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713218.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 23:12
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 18
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.911	144292	4.43	6.39
8.474	2256811	69.26	100.00
8.926	690987	21.20	30.62
9.326	166556	5.11	7.38

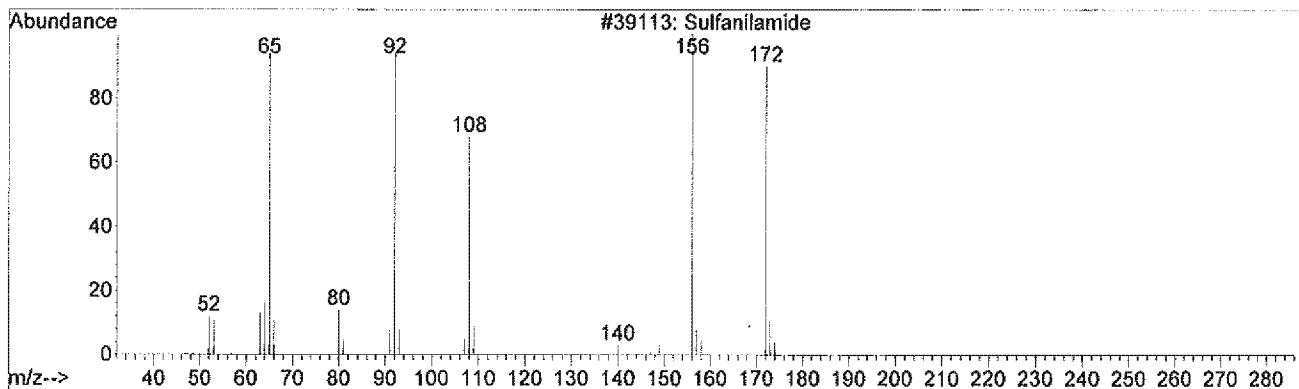
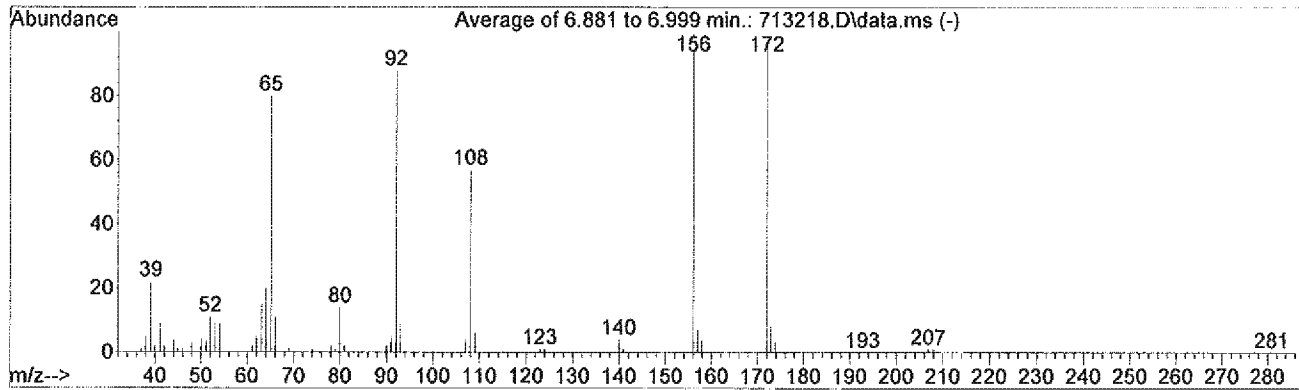
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713218.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 23:12
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 18
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\NIST08.L		
		Sulfanilamide	000063-74-1	97
		Sulfanilamide	000063-74-1	96
		Sulfanilamide	000063-74-1	96



Area Percent / Library Search Report

Information from Data File:

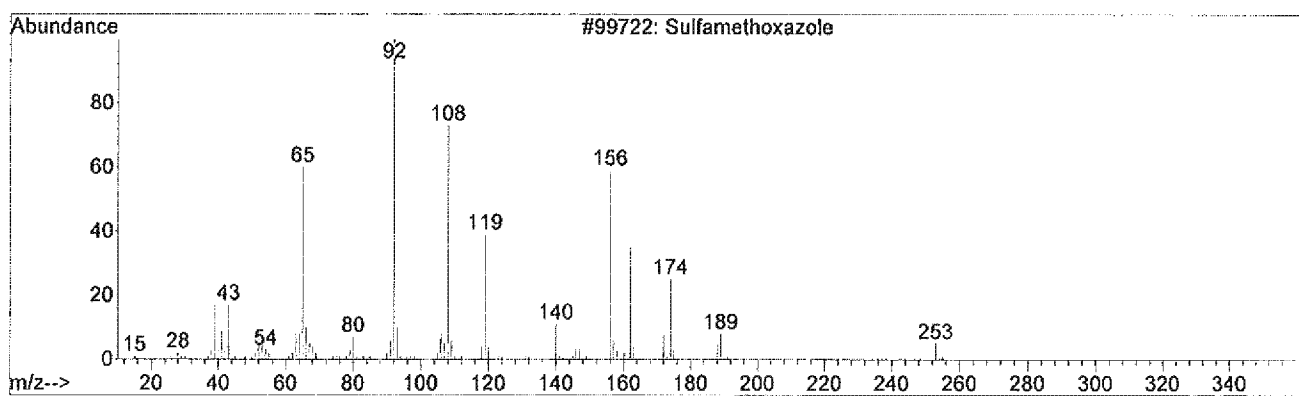
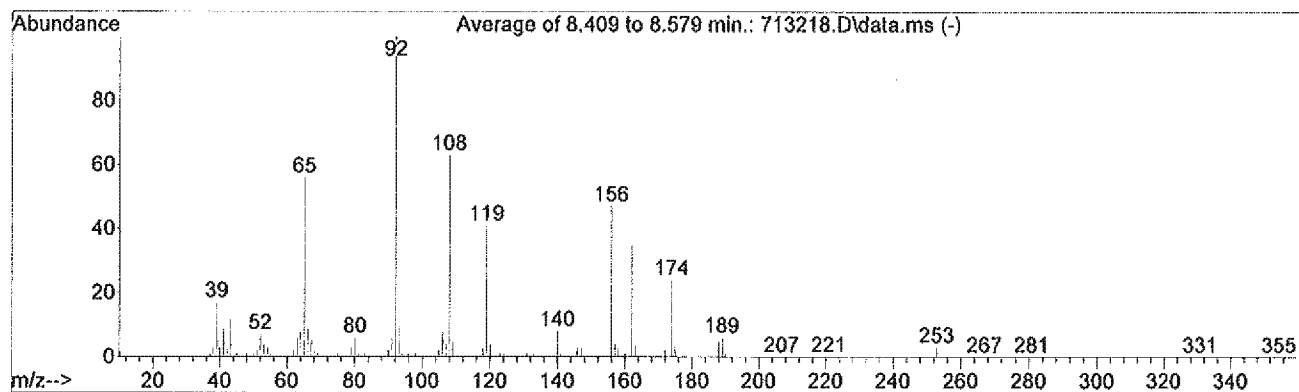
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File Name       : H:\04_27_10\713218.D
Operator        : P. PIRO
Date Acquired   : 27 Apr 2010  23:12
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 18
AcquisitionMeth : GENSCAN
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	8.47	C:\Database\NIST08.L		
		Sulfamethoxazole	000723-46-6	95
		Asulam	003337-71-1	64
		Sulfamethoxazole	000723-46-6	56



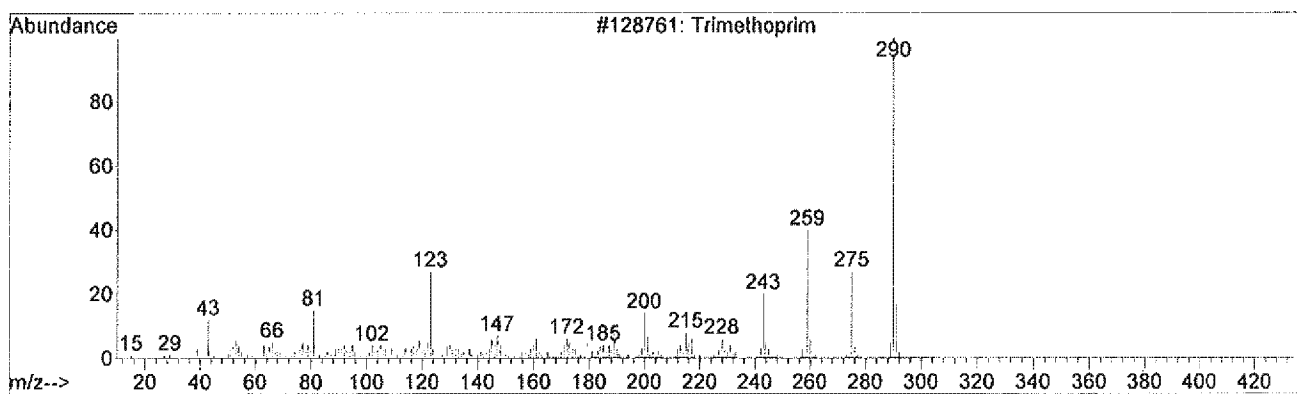
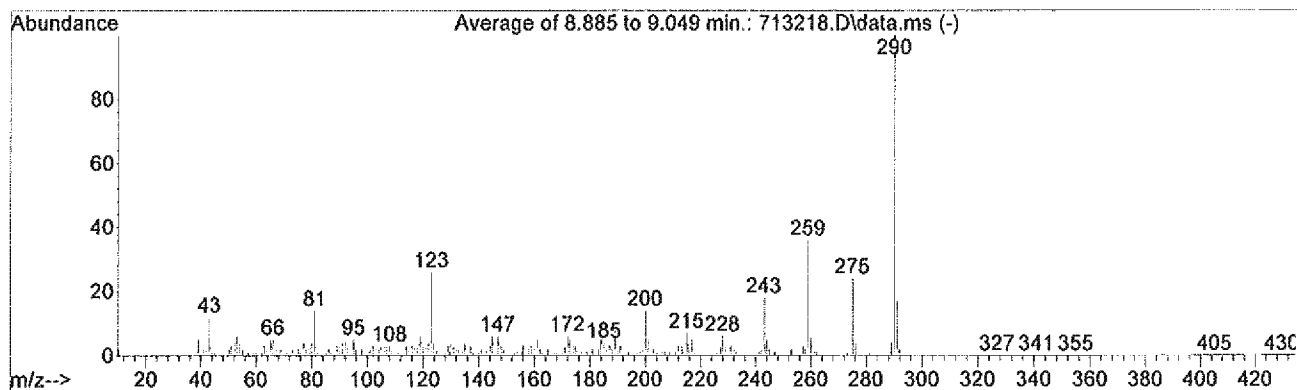
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713218.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 23:12
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 18
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	8.93	C:\Database\NIST08.L		
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99
		Trimethoprim	000738-70-5	99



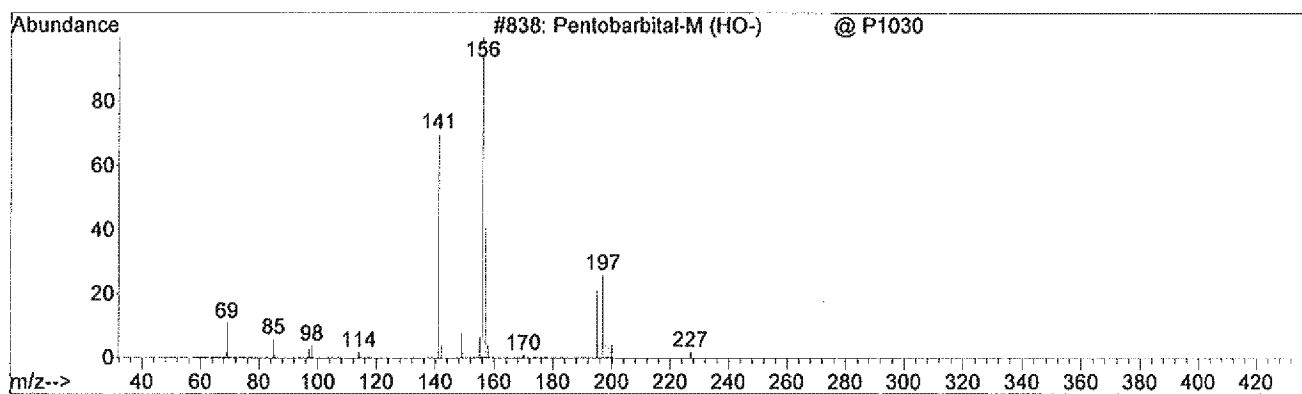
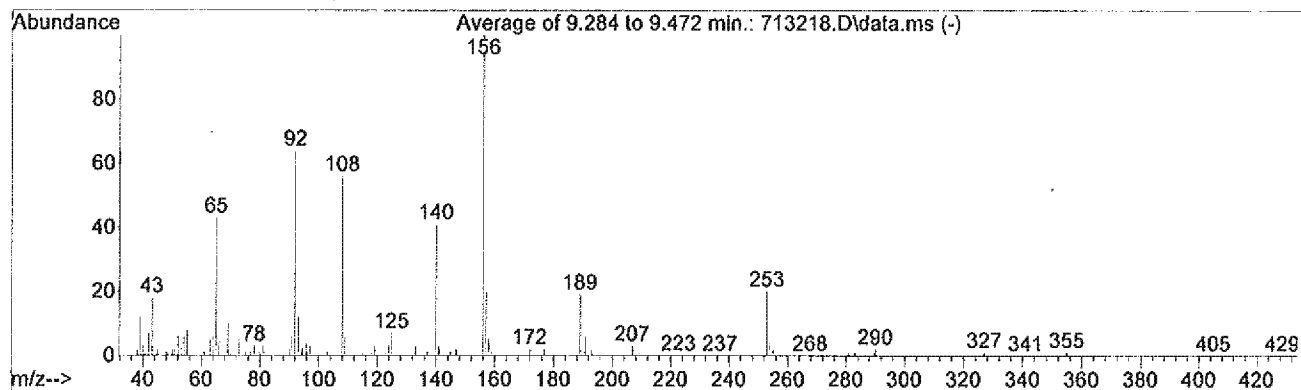
Area Percent / Library Search Report

Information from Data File:

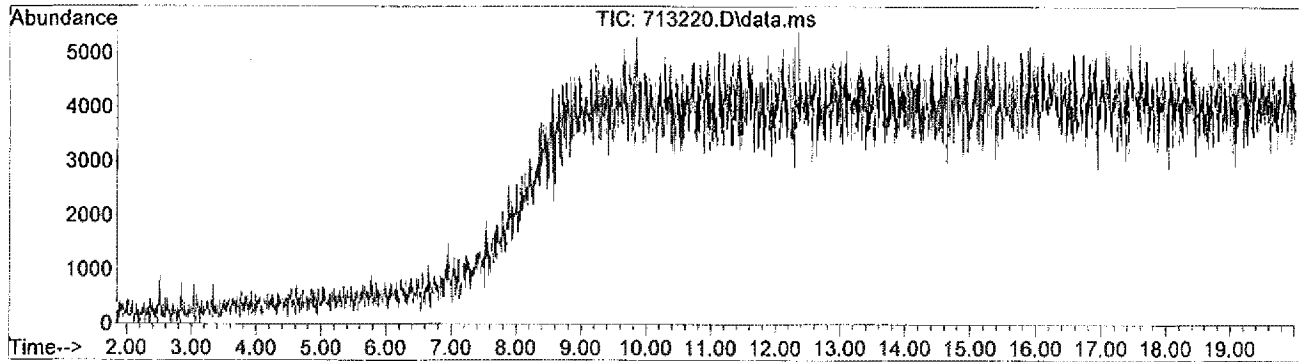
File Name : H:\04_27_10\713218.D
 Operator : P. PIRO
 Date Acquired : 27 Apr 2010 23:12
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 18
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	9.33	C:\Database\PMW_TOX2.L		
		Pentobarbital-M (HO-)	@ 004241-40-1	9
		Butobarbital-M (oxo-)	000000-00-0	9
		Pentobarbital	@ 000076-74-4	9



Information from Data File:
File Name : H:\04_27_10\713220.D
Operator : P. PIRO
Date Acquired : 28 Apr 2010 00:00
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: GENSCAN
Integrator : RTE



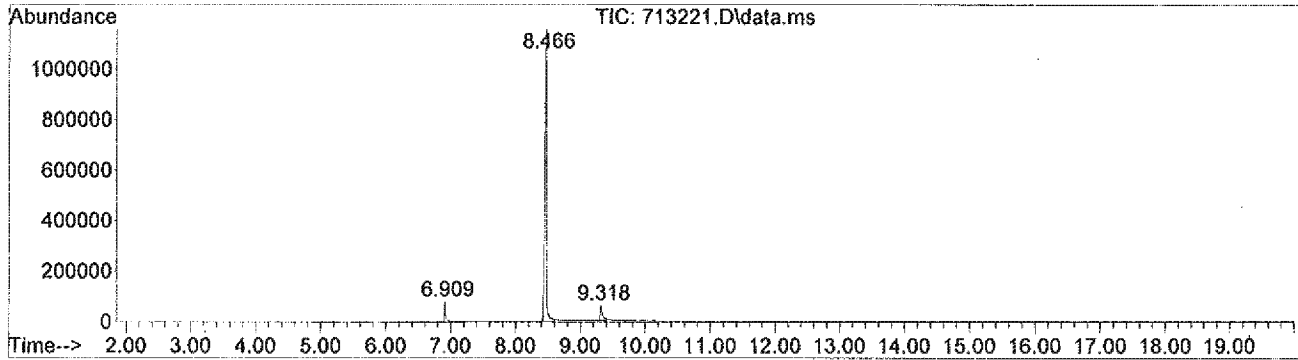
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713221.D
 Operator : P. PIRO
 Date Acquired : 28 Apr 2010 00:24
 Sample Name : SULFAMETHOXAZOLE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.909	122124	5.11	5.77
8.466	2114821	88.57	100.00
9.318	150781	6.31	7.13

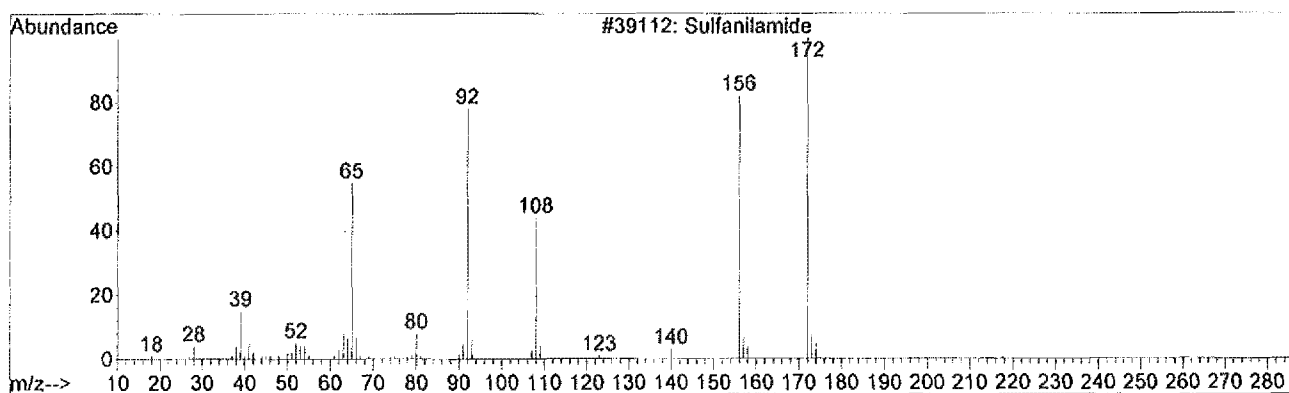
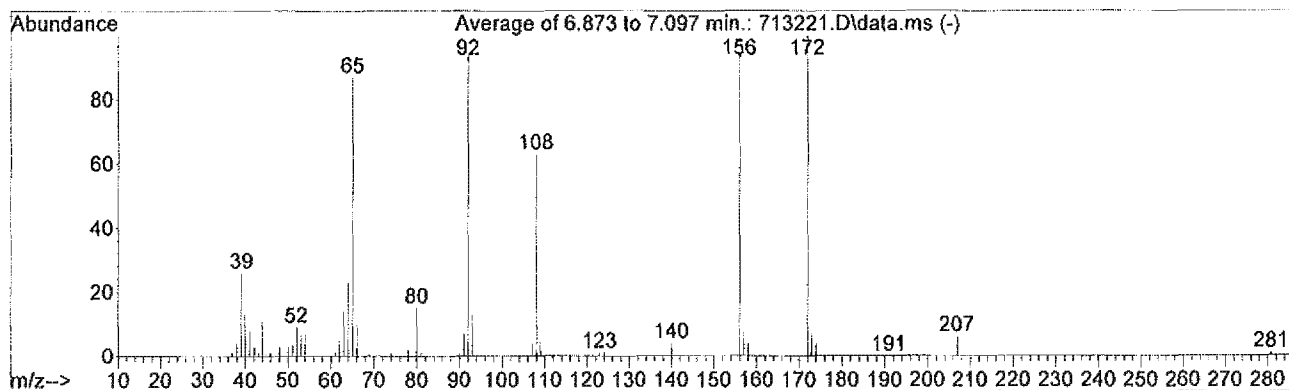
Area Percent / Library Search Report

Information from Data File:

File Name : H:\04_27_10\713221.D
 Operator : P. PIRO
 Date Acquired : 28 Apr 2010 00:24
 Sample Name : SULFAMETHOXAZOLE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\NIST08.L		
		Sulfanilamide	000063-74-1	97
		Sulfanilamide	000063-74-1	97
		Sulfanilamide	000063-74-1	94



Area Percent / Library Search Report

Information from Data File:

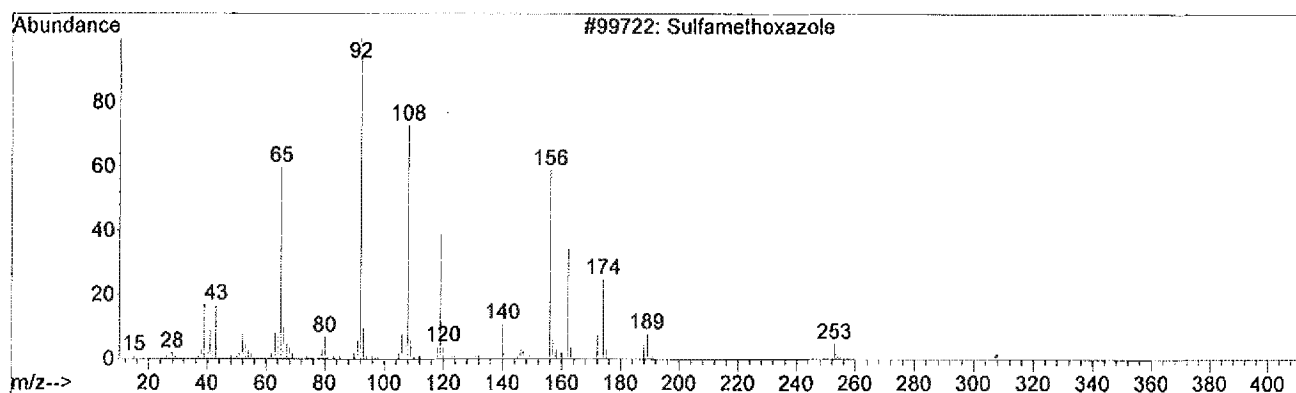
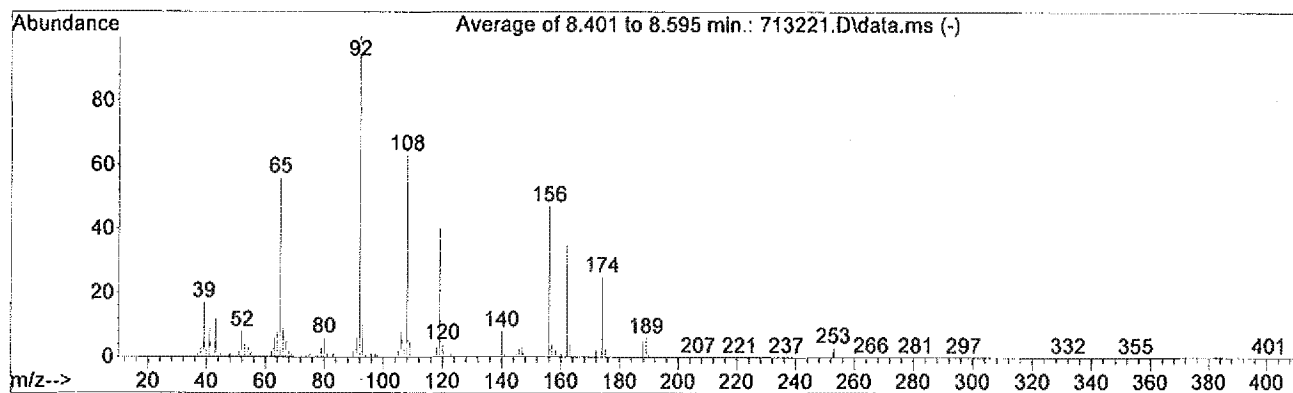
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File Name       : H:\04_27_10\713221.D
Operator        : P. PIRO
Date Acquired   : 28 Apr 2010  00:24
Sample Name     : SULFAMETHOXAZOLE STD
Submitted by    :
Vial Number     : 15
AcquisitionMeth : GENSCAN
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	8.47	C:\Database\NIST08.L		
		Sulfamethoxazole	000723-46-6	95
		Asulam	003337-71-1	59
		3-Picoline, 2-nitro-	018368-73-5	47



Information from Data File:

File Name : H:\04_27_10\713221.D
Operator : P. PIRO
Date Acquired : 28 Apr 2010 00:24
Sample Name : SULFAMETHOXAZOLE STD
Submitted by :
Vial Number : 15
AcquisitionMeth: GENSCAN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	9.32	C:\Database\PMW_TOX2.L		
		Sulfamethoxazole ME	000000-00-0	33
		Pentobarbital-M (HO-)	@ 004241-40-1	9
		Amobarbital	000057-43-2	9

